



TRADE MARK

IMPROVED MECHANISMS
IN BUILDERS' HARDWARE

Catalogue

No. 2

THE OSCAR C. RIXSON CO.
CHICAGO, ILL.



TRADE MARK

IMPROVED MECHANISMS
IN BUILDERS' HARDWARE

1048

THIS CATALOGUE ISSUED
JANUARY 1ST, 1926

SUPERSEDES ALL PREVIOUS ISSUES.
PRICES SUBJECT TO CHANGE WITHOUT NOTICE.
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ORDERS CANNOT BE CANCELLED WITHOUT OUR CONSENT.
ALL GOODS AT RISK OF PURCHASER AFTER SHIPMENT.
NO GOODS TAKEN BACK OR EXCHANGED EXCEPT
AS MAY BE AGREED UPON.

THE OSCAR C. RIXSON CO.
CHICAGO, ILL.

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LIST AND SYMBOLS OF FINISHES

EXPLANATION OF SYMBOLS

The first letter indicates the metal of which the article is made, the numbers indicate plated or applied finish as per list below, the last letter or letters indicate the texture of the surface.

IRON—STEEL—F					BRASS METAL—A				BRONZE METAL—B			
Unpolished	Unpolished Sanded	Polished	FPS	Polished Sanded	Unpolished	Unpolished Sanded	Polished	Polished Sanded	Unpolished	Unpolished Sanded	Polished	Polished Sanded
F	FS	FP	FPS		A	AS	AP	APS	B	BS	BP	BPS
F2							A1P				B1P	
F3												
F4	F4S	F4P										
		F5P	F5PS					A6PS				
F7	F7S	F7P	F7PS				A7P				B8P	
							A8P				B9P	
		F9P					A9P				B10P	
		F10P					A10P				B11P	B11PS
F11	F11S	F11P	F11PS				A11P	A11PS			B12P	B12PS
F12	F12S	F12P	F12PS				A12P	A12PS			B13S	B13PS
			F13PS			A13S		A13PS			B14P	
F15	F15S	F14P	F15PS			A15S	A14P	A15PS	B15	B15S		B15PS
											B17P	B16PS
		F18P					A17P					
											B30P	B31PS
							A30P	A31PS				B32PS
Prices on a	Prices on a	pplica	tion.				A33P	A32PS				
								A34PS				



CLASS NO. 70 BUTTS

PATENTED

THESE BUTTS ARE FURNISHED in malleable iron, sand-blasted or electro-galvanized, and in black rustless iron. No cast iron butts made.



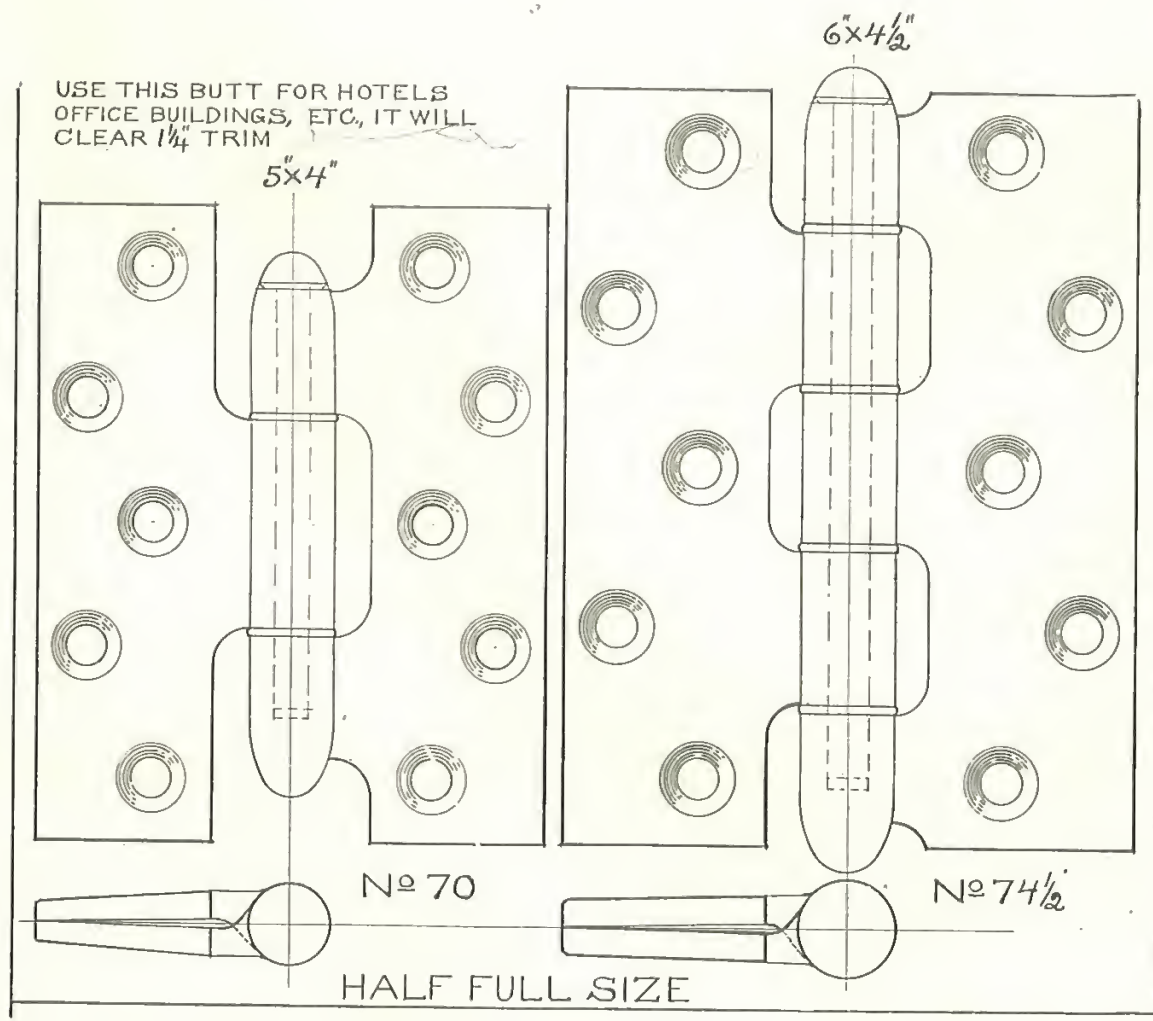
PLATED IRON BUTTS will not be furnished.

SOME PRACTICAL ADVANTAGES—Anti-friction washers with extra large wearing surfaces. Non-rising pins (the pins are square under the head). Metal in the butt so thick that it will not "spring," and in some of the sizes an extra screw in each leaf.

BRONZE WASHERS instead of steel furnished at slight advance in price.

When ordering templet butts state if machine screws are wanted.

3½x3½-inch and 4x4-inch butts are packed with 12/24 machine screws. All butts larger than this will be packed with 1/4-20 machine screws.





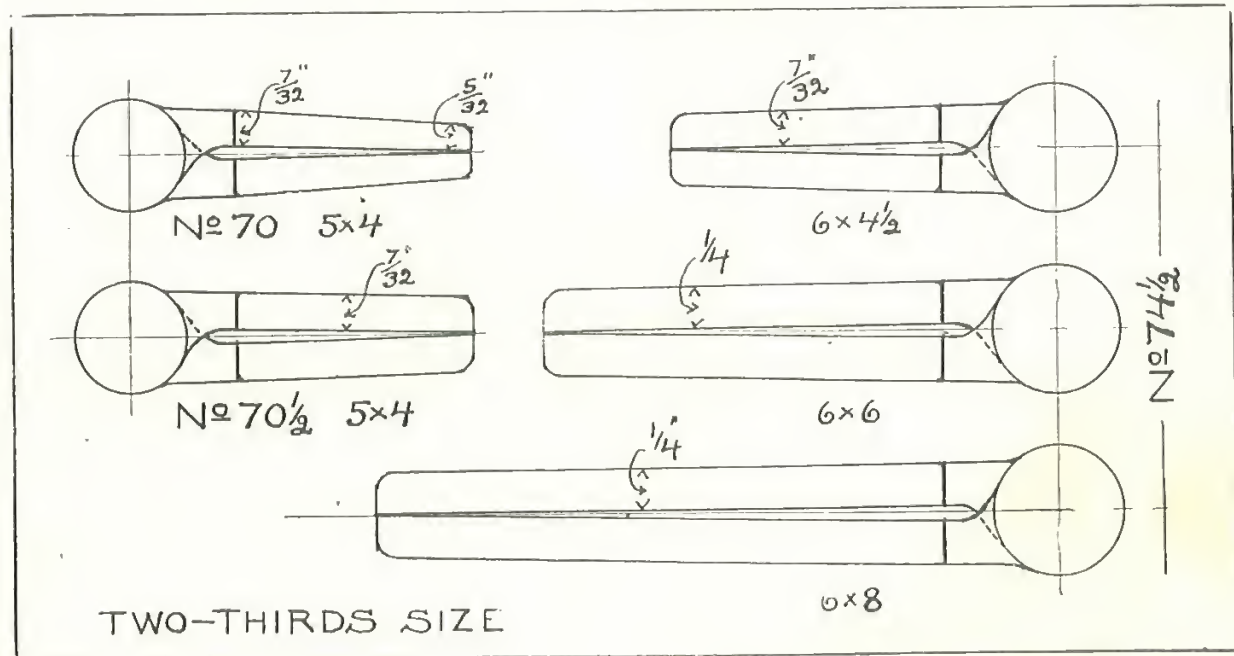
CLASS NO. 70 BUTTS

PATENTED

PRICE LIST

Prices are per pair including screws to match. No screws furnished with Blank Butts.

No. 70 REGULAR BUTTS				No. 70½ TEMPLET BUTTS			
Size Inches	Sand Blast	Electro-Galvanized	Black Rust-less Iron	Size Inches	Sand Blast	Electro-Galvanized	Black Rust-less Iron
3½x3½	\$1.00	\$1.35	\$1.35	3½x3½	\$1.35	\$1.70	\$1.70
4x4	1.20	1.55	1.55	4x4	1.50	1.80	1.80
4½x4½	1.40	1.85	1.85	4½x4½	1.60	2.10	2.10
5x5	1.70	2.20	2.20	5x5	1.85	2.40	2.40
5x4	1.60	2.10	2.10	5x4	1.80	2.25	2.25
5x6	2.40	3.20	3.20				
No. 74½ TEMPLET BUTTS				BLANK TEMPLET BUTTS			
Size Inches	Sand Blast	Electro-Galvanized	Black Rust-less Iron	No. 070½		No. 074½	
6x4½	\$4.00	\$5.30	\$5.30	Size	Sand Blast	Size	Sand Blast
6x6	4.70	6.00	6.00	3½x3½	\$1.10	6x4½	\$3.70
6x8	6.00	7.50	7.50	4x4	1.30	6x6	4.30
				4½x4½	1.50	6x8	5.30
				5x5	1.75		
				5x4	1.70		
No. 75½ FULL SURFACE TEMPLET BUTT				No. 76½ HALF SURFACE TEMPLET BUTT			
Size Inches	Sand Blast	Electro-Galvanized	Black Rust-less Iron	Size Inches	Sand Blast	Electro-Galvanized	Black Rust-less Iron
5	\$2.50	\$3.40	\$3.40	5	\$2.50	\$3.40	\$3.40





"OLIVE-KNUCKLE" HINGE

PATENTED

The Knuckle of this hinge is a copy of the popular but expensive French "Olive Knuckle" hinge. The leaves have been so designed as to make them readily adaptable to American construction and easier to paint than their French prototypes. The increasing demand for this type of hinge not only in fine residence work but for hospitals, hotels and apartment houses, shows that its advantages are well appreciated and that its moderate cost makes possible its preference over ordinary hinges, even where large quantities are involved.

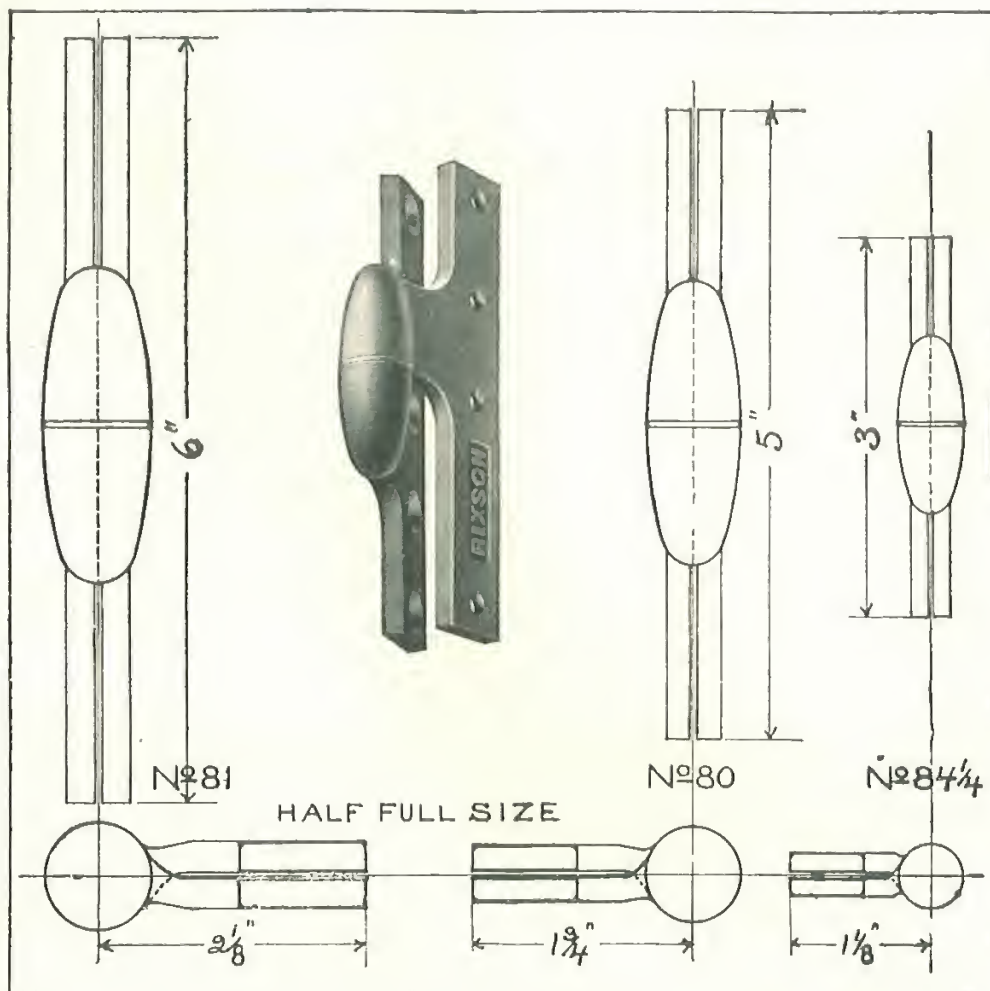
THIS HINGE IS MADE IN CAST MALLEABLE IRON, selected for its unbreakableness, and also in brass and bronze metal.

WE DO NOT MAKE IT IN STEEL OR ORDINARY CAST GREY IRON.

No plated iron hinges made. We recommend that the sand-blasted hinge be used and painted or stained, at the job, to match the woodwork. This can be done where natural finished hardwood is used, as well as painted woodwork.

No. 80 is intended for use on light doors up to 1½-inch thick and No. 81 for heavier doors. No. 84¼ is a Cabinet Hinge for use on bookcase and cupboard doors.

STATE "HAND" WANTED WHEN ORDERING.





“OLIVE-KNUCKLE” HINGE

PATENTED

PRICE LIST

STATE “HAND” WANTED WHEN ORDERING

Per Pair
No. 80 No. 81 No. 84¼

FS	Malleable Iron, sanded.....	\$1.80	\$2.40	\$1.15
F2	Malleable Iron, electro-galvanized.....	2.50	3.25	1.75
F3	Malleable Iron, black rustless.....	2.50	3.25	1.75
F18P	Malleable Iron, half-polished and oiled.....	4.50	5.25	3.25

All hinges have bronze washers.

Malleable Iron hinges will not be furnished in any other than the above finishes.

A or B	Brass or Bronze metal, unpolished.....	\$5.25	\$6.50	\$3.25
S	Brass or Bronze metal, unpolished, sanded.....	5.75	7.00	3.70
P or 1P	Brass or Bronze metal, polished or dull.....	7.00	8.50	4.50
	For finishes A7P to A14P and B8P to B14P.....	8.00	9.70	5.10
	For finishes A11PS to A15PS and B11PS to B15PS.	8.25	10.00	5.30
	For finishes B16PS and A17P.....	8.75	10.50	5.75

Gold or Silver plating on application.

White Metal furnished only in quantity and on special quotation.

Add 10% to list price for hinges made to templet. When made to templet, the No. 80 is regularly packed with ½"x12-24, the No. 81 with ⅝"x1¼-20 and the No. 84-1/4 with ⅜"x10-24 machine screws.

This hinge has been used in the painted finish in some of the finest residences in the country. A list of references will be gladly furnished.

ARCHITECTS interested in “Half-Polished-Iron” hardware should ask to see sample. We feel confident that our Olive-Knuckle Hinge in this finish will meet with approval.

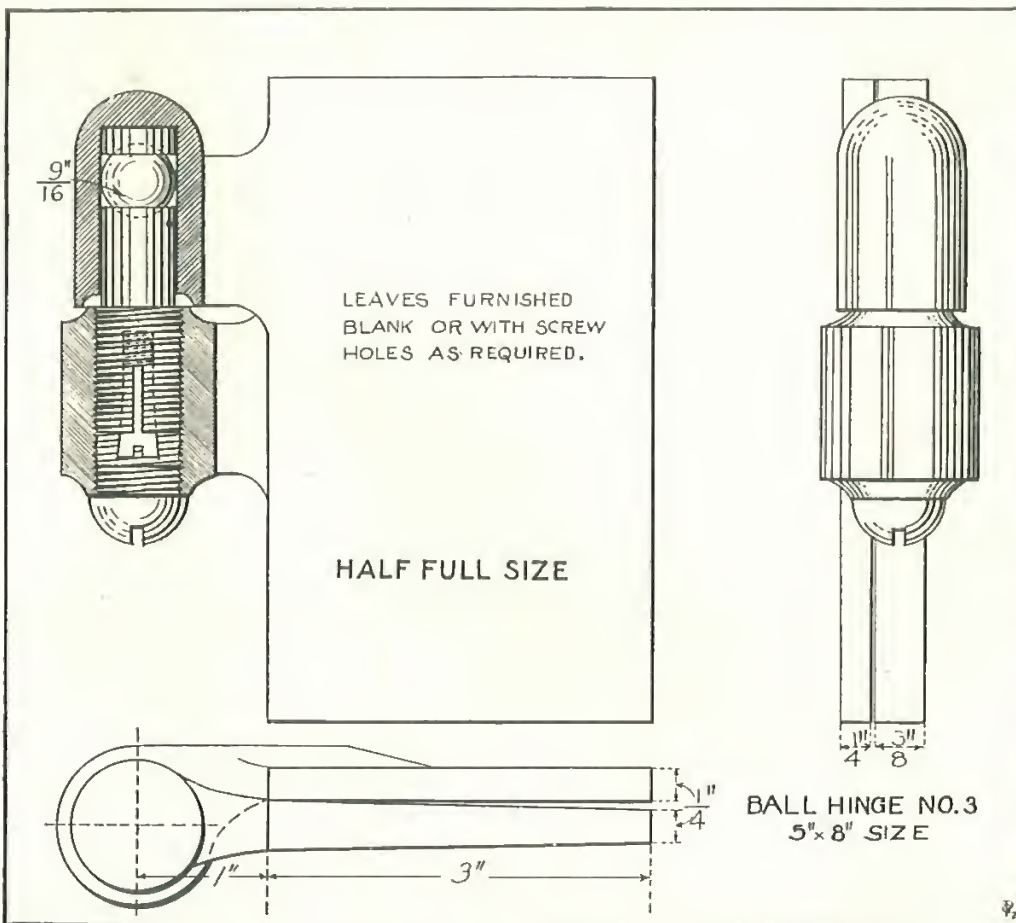
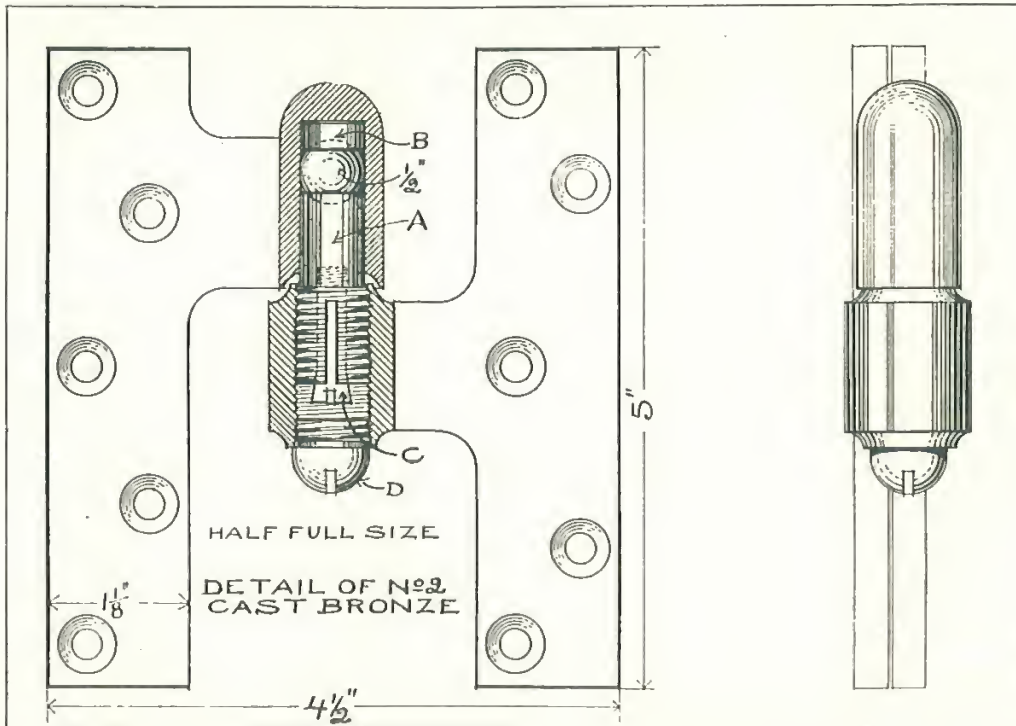
PAINTERS' INSTRUCTIONS:—To match natural finished woodwork or stained woodwork, give the hinge one coat of yellow ochre, let it dry, then stain or varnish same as the woodwork.

To match painted woodwork, just paint the hinges same as the woodwork; the sand-blasting makes the paint stick perfectly.



ADJUSTABLE BALL HINGE

PATENTED





ADJUSTABLE BALL HINGE

PATENTED

This hinge is especially recommended where a bronze hinge of distinctive appearance and superior wearing qualities is desired.

Its construction embodies mechanical features that are of particular advantage with metal doors. The cross-section on the opposite page indicates the unusual and sturdy construction of this hinge.

UP AND DOWN ADJUSTMENT. To raise or lower the door it is only necessary to remove cap D and locking screw C; the pivot and in turn the door can then be raised or lowered by the use of a large screw driver. Screw C must be set up tight so that the lower portion of the pivot will spread and thus be locked in place.

FRICITION VIRTUALLY ELIMINATED, in that the pivot A, cup bearing B and the steel ball are all of hardened steel.

ON ACCOUNT OF THE SPECIAL BRONZE USED we are able to guarantee the hinge when used one pair to the door on heavy doors, such as hollow metal corridor doors in office buildings. We cannot, of course, guarantee that one pair will keep wood doors from warping, so therefore, recommend the use of a pair and a half.

THE NO. 3 HINGE IS MADE IN TWO WIDTHS. The narrow hinge has the same over-all dimensions as the No. 2 hinge but is a much heavier hinge and is adapted for extra heavy doors. The wide No. 3 hinge is furnished blank, as shown on opposite page or with screw holes located to order.

Previous catalogues have indicated that we could supply this type of hinge in steel as well as bronze; but we have discontinued this as the demand has been practically confined to the higher grade cast bronze hinge.

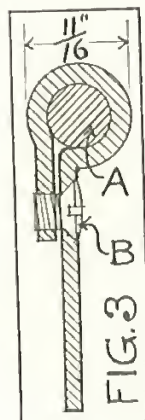
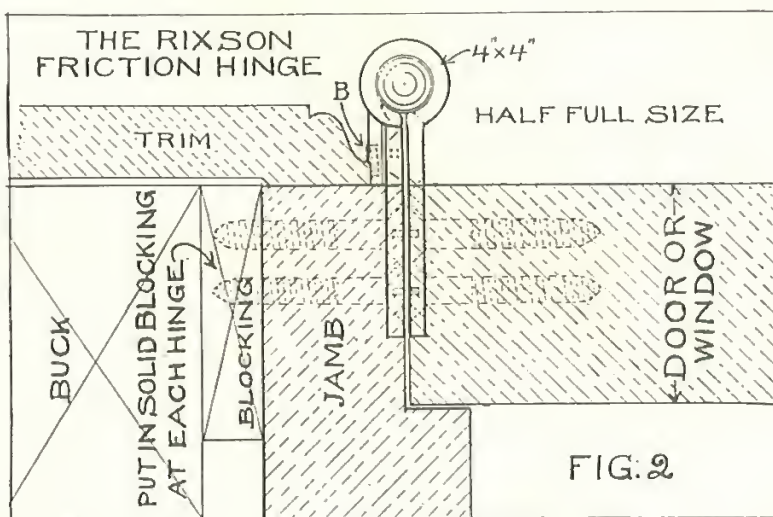
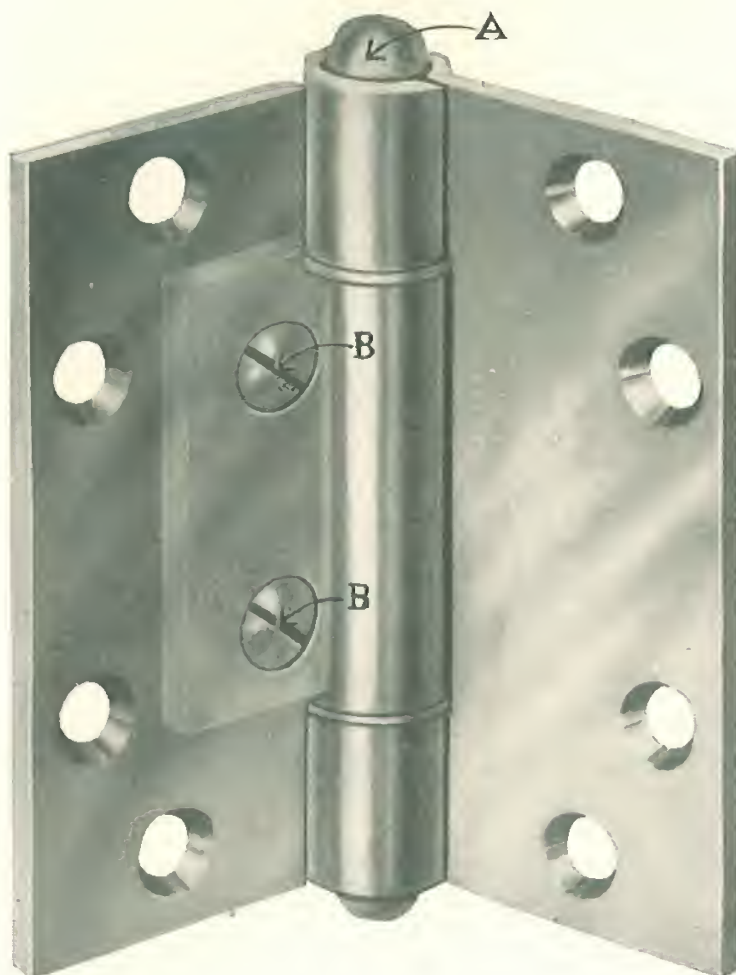
STATE "HAND" WANTED WHEN ORDERING.

PRICE LIST		Per Pair	
		5x4½	5x8
No. 2	Cast Bronze, polished or dull.....	\$ 9.00	
No. 3	Cast Bronze, polished or dull.....	11.25	\$20.00
	For Finishes A7P to A14P and B8P to B14P, add to list	1.25	2.50
	For Finishes A11PS to A15PS and B11PS to B15PS, add to list.....	1.75	3.50
	For Finishes B16PS and A17P, add to list.....	3.00	5.00

RIXSON
PATENTED

FRICION HINGE NO. 85

PATENTED





FRICION HINGE NO. 85

PATENTED

For use on Hinged Windows swinging in, Bedroom doors, etc. It holds the window or door open in any position without the use of an adjuster or holder.

Use The Rixson Casement Operator for Hinged Windows swinging out.

THIS HINGE IS DESIGNED on the simple principle of a brake-band: Pintle A is made of steel, case-hardened and polished, and is riveted to the upper and lower knuckles; the center knuckle has a flat extension as shown in Fig. 3; screws B-B are threaded into this extension; the friction is applied by simply turning screws B-B with a large screwdriver.

IN BRONZE OR BRASS HINGES the ends of pintle A are capped with bronze or brass.

THE TWO WASHERS shown between the knuckles are of phosphor-bronze in bronze or brass hinges, and of hard steel in steel hinges.

WE RECOMMEND that the galvanized hinge be used and painted at the job same as the woodwork.

THIS HINGE IS NOT "HANDED."

PRICE LIST

—Per Pair—

3½x3½ 4x4 4½x4½

F	Steel, planished	\$ 1.90	\$ 2.45	\$ 3.00
FS	Steel, sanded	2.10	2.70	3.30
F2	Steel, electro-galvanized	2.40	3.00	3.60
F3	Steel, black rustless	2.40	3.00	3.60
	Steel, plated any finish from F4P to F14P.....	2.90	3.50	4.10
	Steel, plated any finish from F5PS to F13PS...	3.10	3.75	4.40
A or B	Brass or Bronze Metal, unpolished.....	\$ 5.20	\$ 6.20	\$ 7.20
	Brass or Bronze Metal, polished or dull	6.50	7.50	8.50
	For finishes A7P to A14P and B8P to B14P....	7.40	8.50	9.60
	For finishes A11PS to A15PS and B11PS to B15PS	7.80	9.00	10.20
	For finishes B16PS and A17P.....	9.00	10.25	11.50

FROM THE "CLEVELAND PLAIN DEALER"

DECEMBER 22. 1918.

THIS IS SAD NEWS FOR THE DOOR BANGER

"Such a thing as a slamming door will be unknown in Hotel Cleveland. All the hinges, every last one of them, is what is known as a friction hinge, adjustable easily and under such automatic control that a door just naturally stays where it is put when it is opened. It is one of the refinements of comfort that the builders have adopted to make the Hotel Cleveland a distinctive institution."

1,425 pairs of Rixson Friction Hinges were furnished for this hotel.

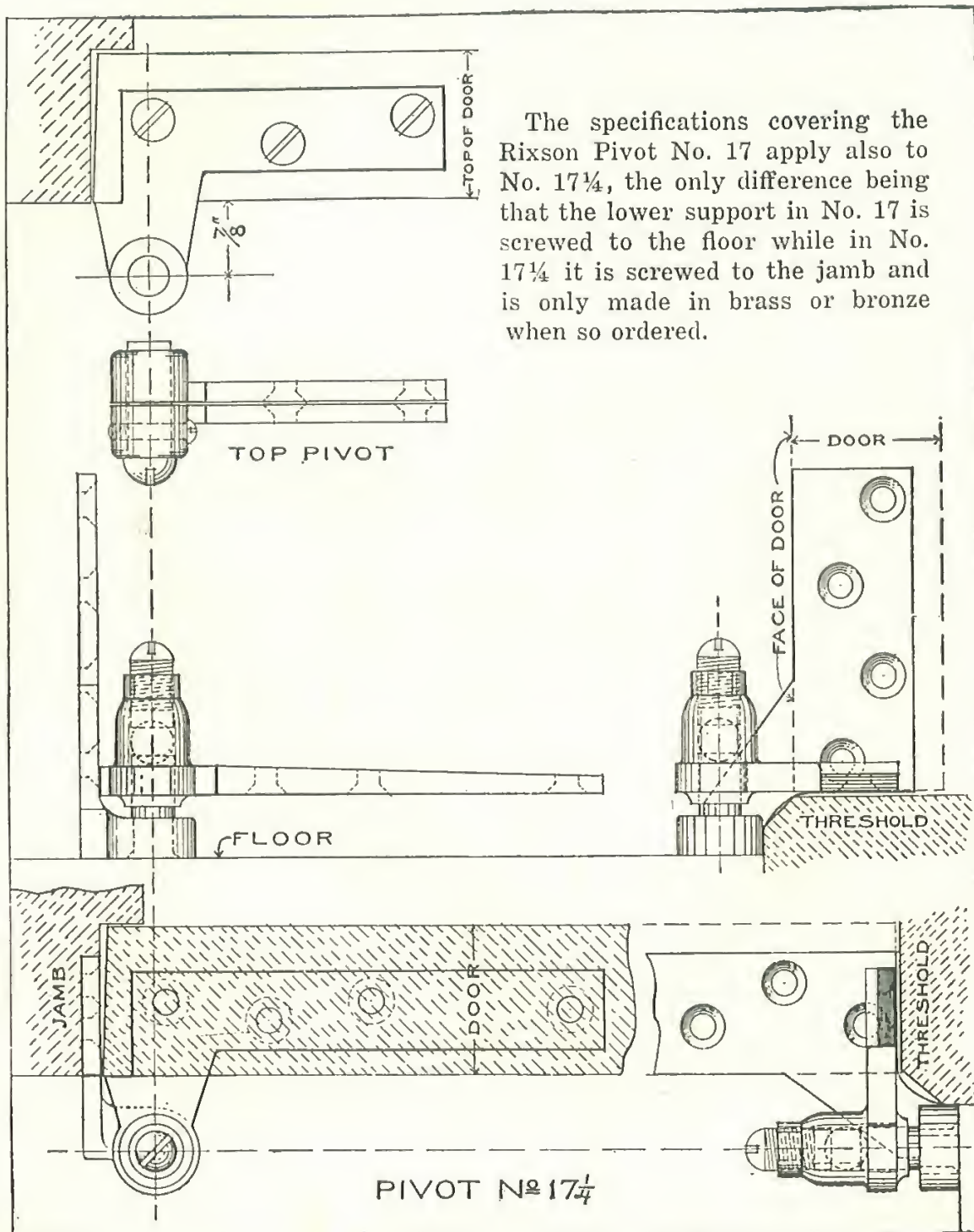


PIVOT NO. 17 $\frac{1}{4}$

PATENTED

PRICE LIST—See Next Page

STATE "HAND" WANTED WHEN ORDERING





PIVOT NO. 17

PATENTED

PRICE LIST

No. 17 and No. 17 1/4

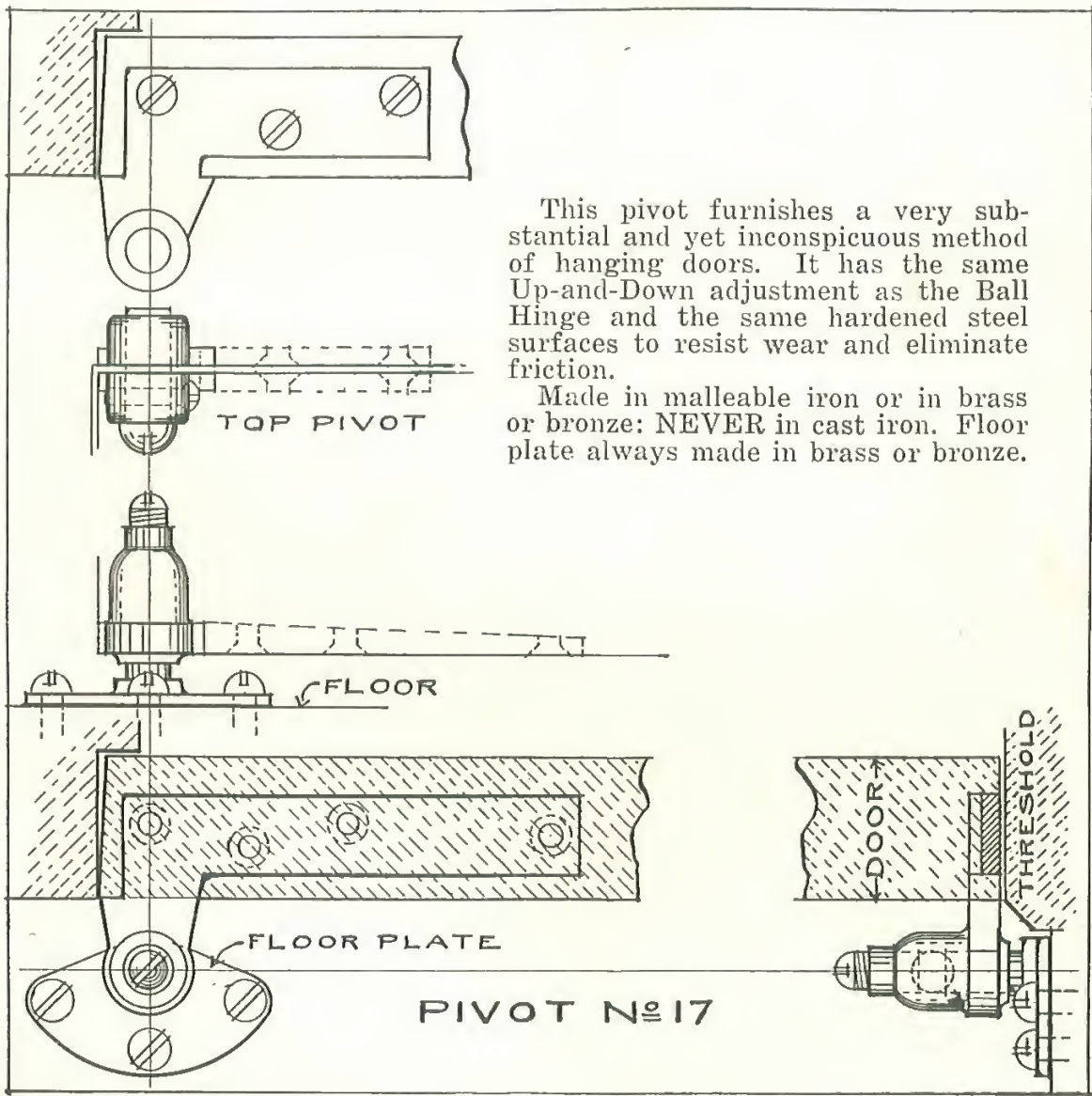
STATE "HAND" WANTED WHEN ORDERING

Per set includ-
ing Top Pivot

FS	Malleable Iron, sanded	\$ 3.50
F2	Malleable Iron, electro-galvanized	4.25
F3	Malleable Iron, black rustless	4.25

Malleable Iron Pivots are not furnished in any other than the above finishes.

B	Bronze, unpolished	\$ 7.00
BS	Bronze, unpolished, sanded	7.50
	Bronze, polished or dull.....	9.00
	For finishes A7P to A14P and B8P to B14P.....	10.25
	For finishes A11PS to A15PS and B11PS to B15PS.....	10.75
	For finishes B16PS and A17P.....	12.00





CASEMENT HINGE NO. 90

For Out-Swinging Casements

PATENTED

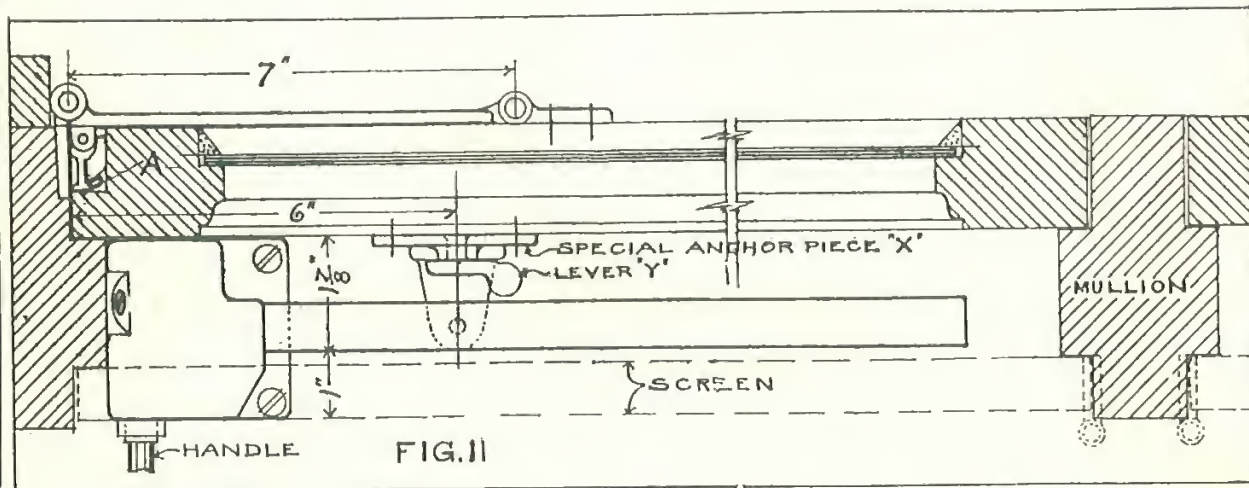
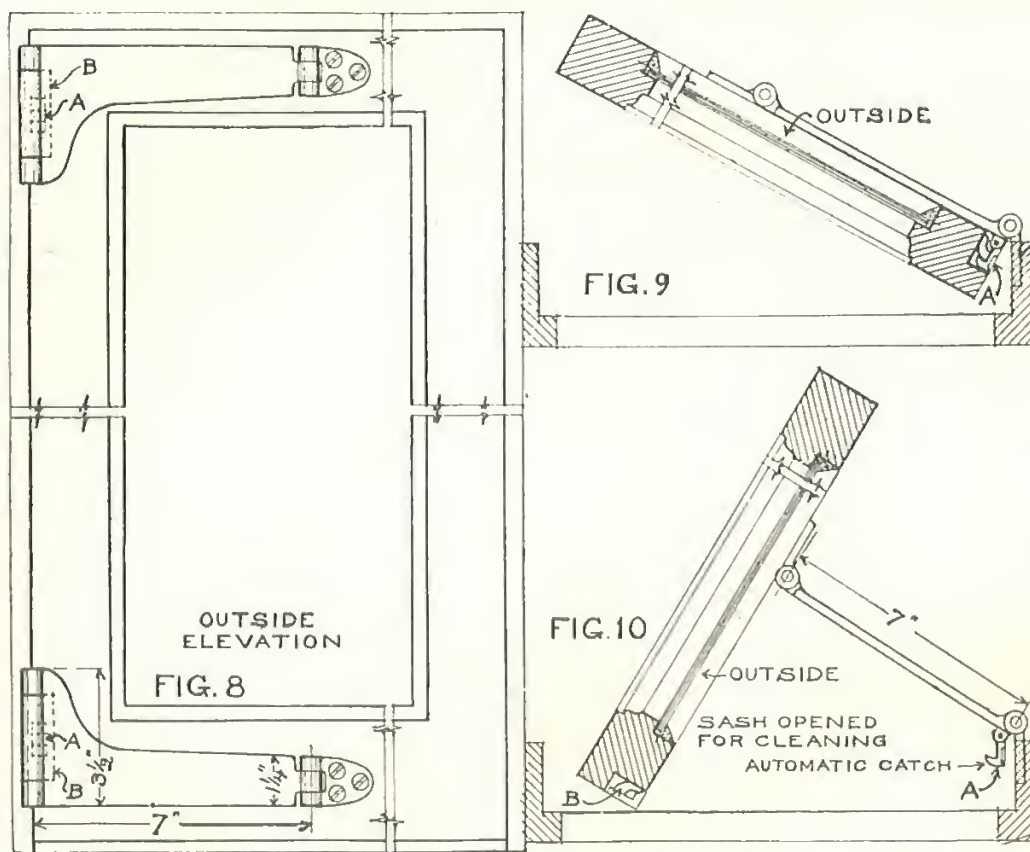


Fig. 11. Showing Casement Hinge No. 90 in combination with Casement Operator No. 95 (see page 18). Special anchor piece "X" must be used.



CASEMENT HINGE NO. 90

For Out-Swinging Casements

PATENTED

This Hinge overcomes the one objection to the otherwise popular Out-Swinging Casement Sash, in that it permits the sash to be swung around so that the outside of the glass can be cleaned from the inside; see Figs. 9 and 10.

SIMPLICITY OF OPERATION: Open the Sash, pull out catches A-A and the Sash can be swung around as shown in Fig. 10. Close the Sash and catches A-A will lock automatically and stay locked.

In combination with this hinge an operator should be used which will enable a person to open or close the window without opening the Fly-Screen.

THE RIXSON CASEMENT OPERATOR No. 95, with special Sash Plate "X" as shown in Fig. 11, gives a practical combination. When the sash is to be swung around for cleaning, the operator is detached from the sash by turning lever "Y."

If only a Casement Holder is wanted, our Holder No. 35 with special Anchor Piece "D" (see Fig. 12, Page 20) will prove satisfactory. The Holder is detached from the sash by lifting the flat rod over the stud "E."

For Hospital Windows, we especially recommend the combination shown in Fig. 11. The handle for the Operator is furnished attached or removable, as conditions may require. A mullion between a pair of sash permits either sash to be opened or closed independently of the other, which is not the case when the mullion is omitted and astragals on the sash are used.

This Hinge is never furnished in cast iron. This Hinge is not "Handed." One pair may be attached to either a right hand or left hand sash without any change. This Hinge is suitable for sash of ordinary weight up to 2'6"x6'10".

PRICE LIST

		Per Pair
FS	Malleable Iron, sanded with brass pins.....	\$ 3.00
F2	Malleable Iron, electro-galvanized with brass pins.....	4.75
F3	Malleable Iron, black rustless wtih brass pins.....	4.75
A or B	Brass or Bronze Metal, unpolished	9.00
	Brass or Bronze Metal, unpolished, sanded	9.75
	Brass or Bronze Metal, polished or dull.....	11.50



CASEMENT OPERATOR NO. 95
PATENTED

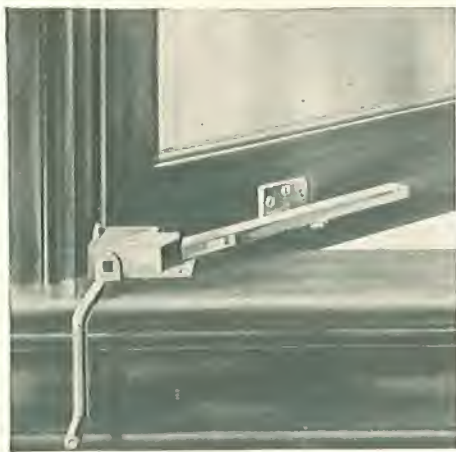
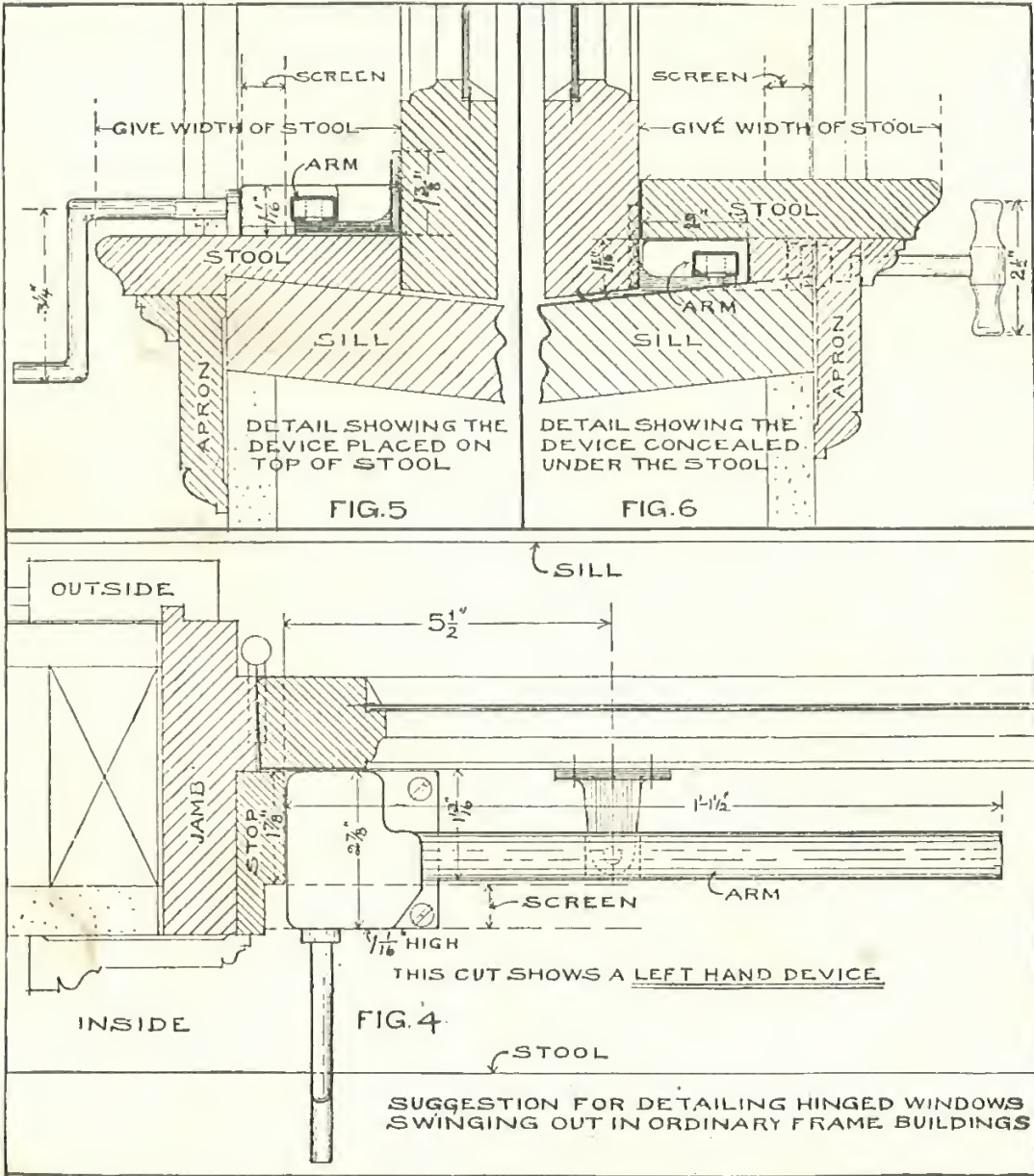


Fig. 1



Fig. 2

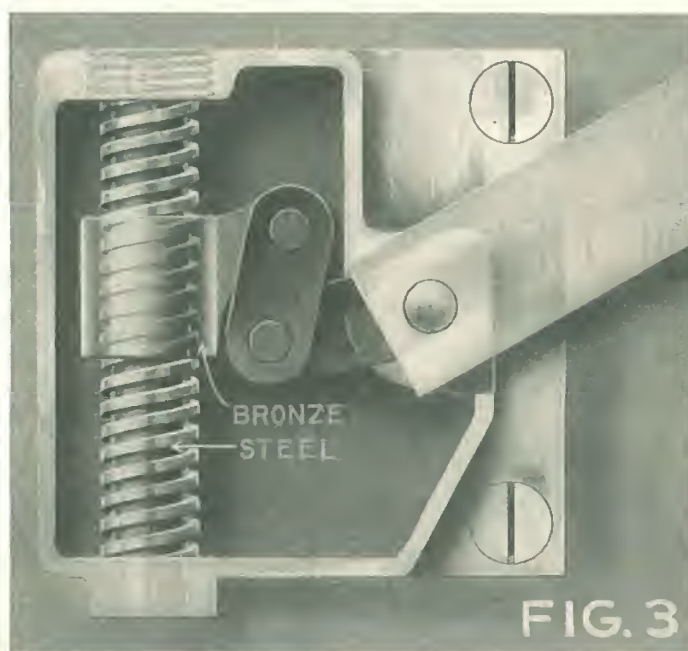




CASEMENT OPERATOR NO. 95

FOR HINGED WINDOWS SWINGING OUT

PATENTED



PERMITS OPENING OR CLOSING AN OUTSWINGING CASEMENT WINDOW WITHOUT OPENING THE FLY SCREEN

This device has been on the market nearly ten years and has been used in every part of the country and in all sorts of buildings, both public and private, so we will simply state here that a window equipped with this device is always locked in whatever position it is left and cannot be moved except by turning the handle and when closed the window is held absolutely tight; no rattle.

The mechanism being of the screw type develops ample power to handle most any kind of sash up to 2'6" wide, see Fig. 3.

The driving screw is of steel with double square threads and the traveler that runs on this screw is of cast bronze, thus avoiding the danger of these two parts rusting together, see Fig. 3.

The slide which runs inside the arm is covered with fiber which makes the device noiseless and also eliminates friction.

In the iron operator the case and sash plate are made of malleable iron because of its unbreakableness. Where required a sash plate $1\frac{1}{8}$ " high can be supplied.

Special sash-plate "X" (See Fig. 11, Page 14) must be ordered when the operator is wanted to work in combination with Casement Hinge No. 90.

This device may be used concealed or exposed, see Figs. 1 and 2.



CASEMENT OPERATOR NO. 95

HANDLES

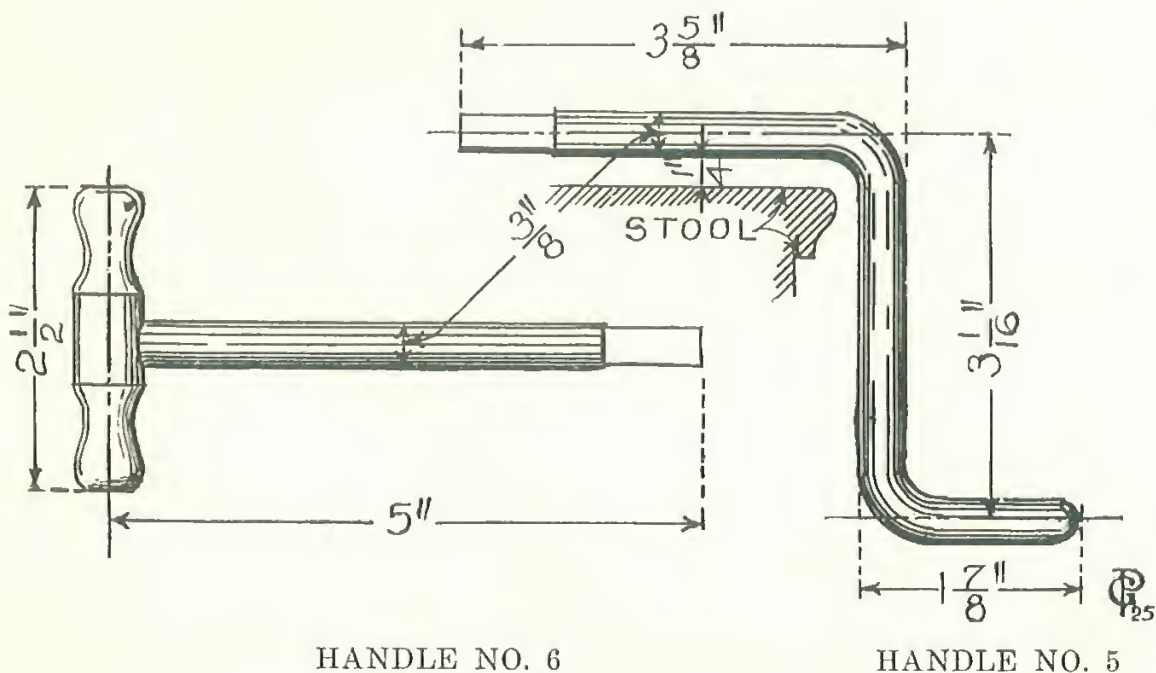
A handle for each operator is not essential, but when so ordered can be furnished made fast to the operator without additional charge.

Unless otherwise ordered, handles are furnished detachable and suitable for a stool $5\frac{1}{2}$ inches wide, as this width has been found to be the average.

Handles suitable for stools up to 12 inches in width will be furnished at list prices; for stools wider than this there will be an additional charge of 30 cents list for each 12 inches or fraction thereof.

Where extremely long handles are to be used, a guide to go on the inside edge of stool can be furnished (see Fig. 9), galvanized or plated. This prevents the handle from chafing the edge of the stool.

When operator is ordered for use beneath the stool brass thimble as shown in Fig. 2, will be furnished without additional charge. This thimble trims the hole bored in apron for operating handle.



HANDLE NO. 6

HANDLE NO. 5

Handle No. 6 is a TEE-HANDLE for use where crank type of handle cannot operate conveniently. This handle only made in steel.

Handle No. 5 is a STEEL CRANK HANDLE.

Unless otherwise ordered handles 5 and 6 are furnished dull brass plated, of length as shown.



CASEMENT OPERATOR NO. 95

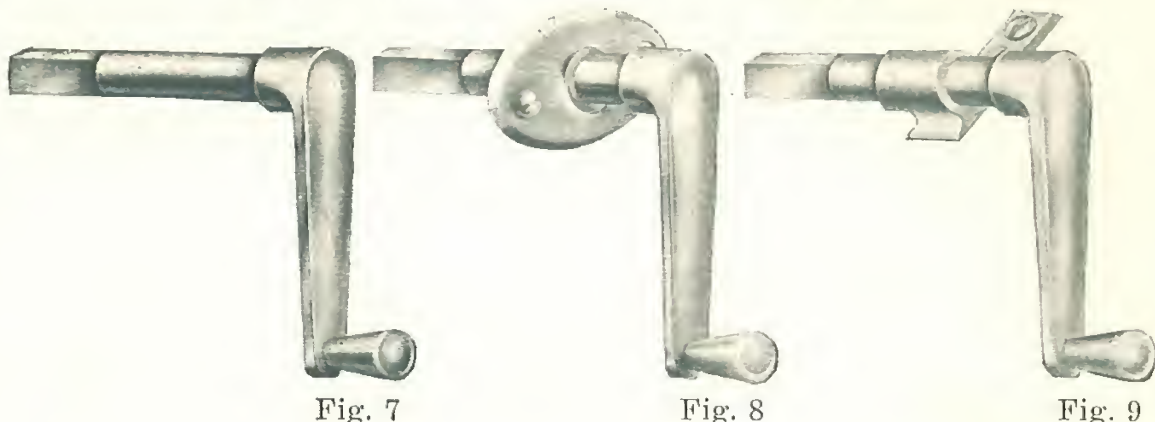


Fig. 7

Fig. 8

Fig. 9

Fig. 7 illustrates the cast brass crank handle: Fig. 8 the same handle with attaching rose for fastening to apron where fixed handle is wanted with operator installed beneath the stool: Fig. 9 shows the bracket for supporting outer end of handles on a wide stool. Handles in Fig. 8 and 9 are provided with adjustable collar to hold handles snugly in place.

INSTRUCTIONS FOR ORDERING

When ordering OPERATORS state "HAND" wanted; Figs. 1 and 2 show a left hand device.

Special sash plate "X" (see Fig. 11, Page No. 14) must be ordered when operator is wanted to work in combination with Casement Hinge No. 90.

When ordering HANDLES be sure to state WIDTH OF STOOL.

PRICE LIST

OPERATORS ONLY—HANDLES NOT INCLUDED

		Each
F-2 or 3	Iron, electro galvanized or black rustless finish.....	\$3.75
	For special sash plate "X" add to list.....	.50
NO PLATED IRON OPERATORS FURNISHED		
A or B	Brass or Bronze, dull or bright.....	\$6.00
	For finishes A7P to A14P and B8P to B14P.....	7.00
	For finishes A11PS to A15PS and B11PS to B15PS.....	7.30
	For finishes B16PS and B17P.....	8.00
	For special sash plate "X" add to list.....	1.00

HANDLES

Regular Length—See Page 18

F	Steel, brass plated, Crank Fig. 5, Tee Fig. 6.....	\$.30
	Cast iron guide, plated or galvanized.....	.20
A or B	Brass or Bronze Crank handle, Fig. 7.....	1.00
	Brass or Bronze Crank handle, Fig. 8 or 9.....	1.50
	For plated finishes on Fig. 7, 8 and 9 handles add to list.....	.50

ADDITIONAL CHARGE FOR EXTRA LONG HANDLES AS NOTED ON
PAGE 18

WHEN ORDERING

State HAND wanted; Figs. 1, 2 and 11 show a left hand device.

If it be applied concealed so state.

Give width of stool. See Figs. 5 and 6.

Specify kind and quality of handles wanted.



CASEMENT HOLDERS NOS. $34\frac{1}{2}$, 35, $35\frac{1}{2}$ and $35\frac{3}{4}$

PATENTED

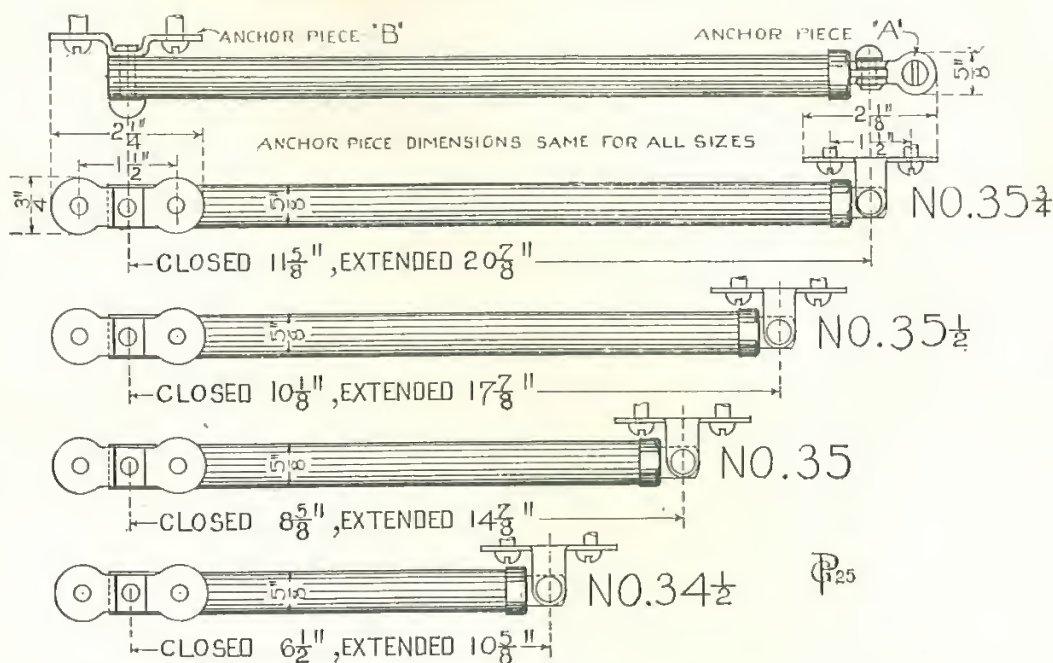
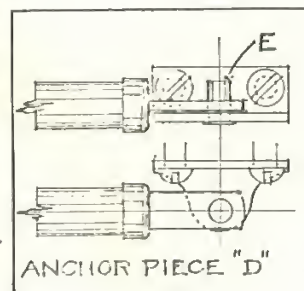
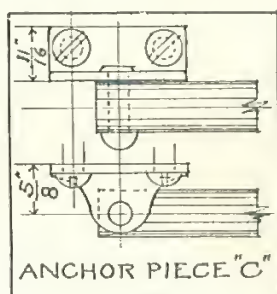
MORE THAN 200,000 RIXSON Casement Holders in use today attest the reliability and popularity of this simple and sturdy device.

CASEMENTS:—This Holder permits the window to open a little beyond right angle; about 100 degrees. It holds the sash at any point automatically.

FRICTION IS ADJUSTABLE so that the resistance required to hold the sash can be set to suit even very small and light sash.

TRANSOMS:—For an inexpensive yet substantial means of holding transoms this device surpasses chains. It holds the transom at any point.

NOW MADE IN FOUR SIZES, to accommodate varying sash dimensions, and can be furnished with anchor pieces "C" or "D" without extra charge.





CASEMENT HOLDERS NOS. 34½, 35, 35½ and 35¾

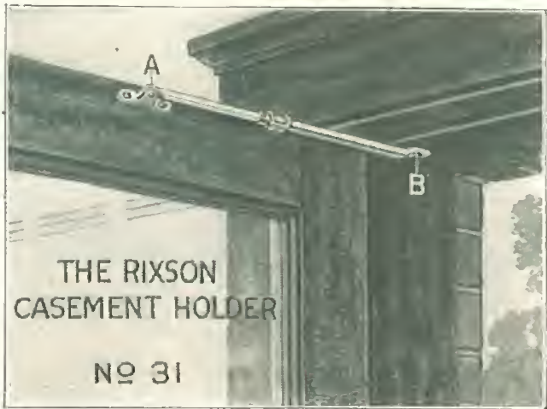
PATENTED
PRICE LIST

No extra charge for special anchor pieces "C" and "D."
This Holder is never furnished in steel.

	Each			
	34½	35	35½	35¾
Brass or Bronze, dull or bright.....	\$2.00	\$2.25	\$2.50	\$3.00
For finishes A8P to A14P and B8P to B14P.....	2.45	2.70	3.00	3.50
For finishes A11PS to A15PS and B11PS to B15PS	2.65	2.90	3.25	3.75
For finishes B16PS and A17P.....	3.00	3.25	3.75	4.25

Packed six in a box with screws.

CASEMENT HOLDER No. 31



This Holder was especially designed for use in Houses and Bungalows of the inexpensive type.

It is made in galvanized steel only, the slide is brass-bushed, also the socket for the friction-adjusting screw, so there is no danger of any parts rusting together.

It permits the window to open a little beyond right angle; about 100 degrees. The Friction is adjustable.

For use on sash not over 2'0"x5'0".

This device requires a space of only ¾-inch between sash and screen.

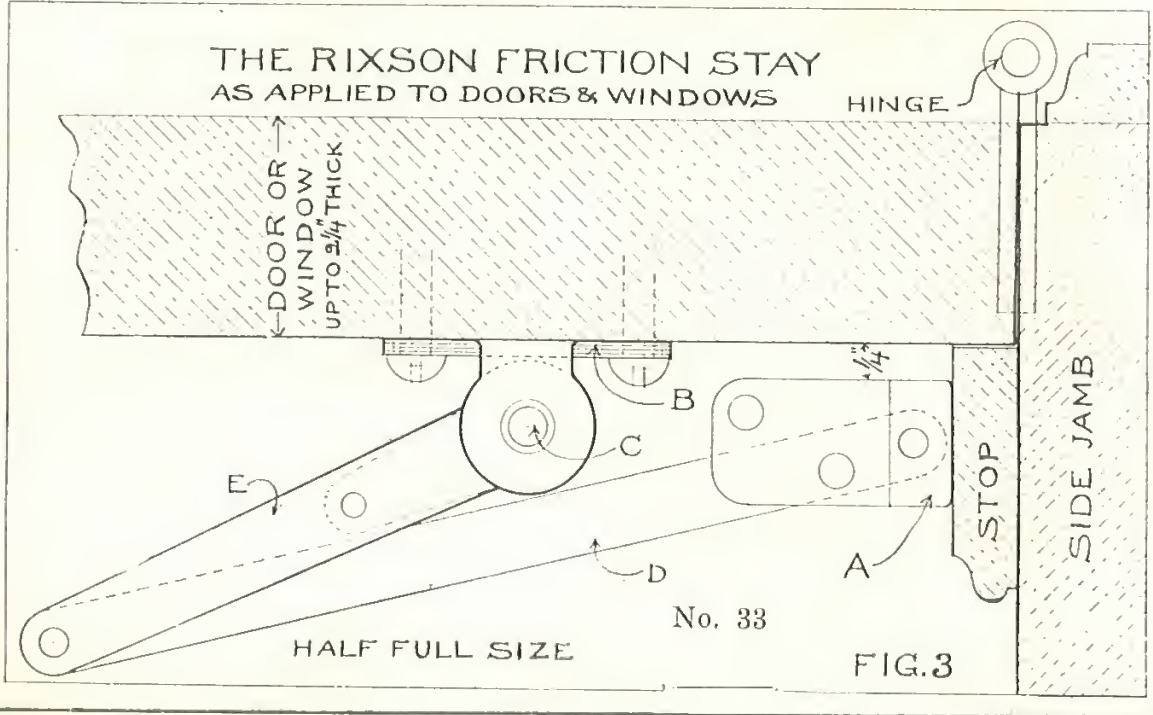
PRICE LIST

Electro-galvanized steel. Per dozen.....\$5.50
Packed 1 dozen in a box with screws.



FRICITION STAY NO. 33, NO. 33 $\frac{1}{4}$ AND 33 $\frac{1}{2}$

PATENTED





FRICITION STAY NO. 33, NO. 33 1/4, NO. 33 1/2

PATENTED

For Doors, Hinged Windows swinging in and Transoms; it permits the Door or Window to open clear back against the wall, 180 degrees; and the friction resistance required is not enough to cause annoyance in opening and closing of doors.

WHEN APPLIED TO TRANSOMS; see Figure 2, Friction Stay No. 33 1/2 should be used, as the pin "X" in the extended portion of arm "D" prevents the fixture from becoming locked in its open position. It can be used on Bottom, Center or Top hung sash, holding them open in any position, and eliminates rattling when closed. A catch is of course, to be applied at the top of the sash.

For inexpensive work it seems to be a good way of handling transoms and for wide outside transoms it is doubtful if a better way could be found at any price.

For transoms 4' 0" wide or over two Friction Stays should be used. It is right or left hand, without any change.

PRICE LIST

		No. 33	Each No. 33 1/4	No. 33 1/2
F2	Steel, electro-galvanized	\$0.80	\$0.80	\$1.00
F3	Steel, black rustless	.80	.80	1.00
	Steel, plated F4P to F14P.....	1.00	1.00	1.20
A or B	Brass or Bronze Metal, dull or bright.....	2.25	2.25	2.50
	For finishes A7P to A14P and B8P to B14P.....	2.70	2.70	3.00
	For finishes A11PS to A15PS and B11PS to B15PS	2.90	2.90	3.25

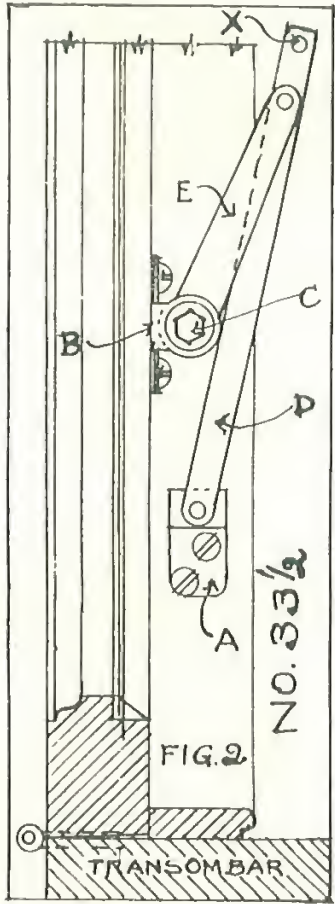


Fig. 2.

Packed 12 in a box with screws..

We recommend that the electro-galvanized stay be used and painted to match the woodwork.

DESCRIPTION OF THE MECHANISM

It is designed on the principle of a Multiple-Disc-Clutch, and has SIX FRICTION SURFACES one inch in diameter.

THE DESIRED FRICTION is had by adjusting the hexagon headed bolt and wear is taken up by a spring washer under the head of this bolt.

About two pounds pull at the outer edge of a door or window is all the friction needed.

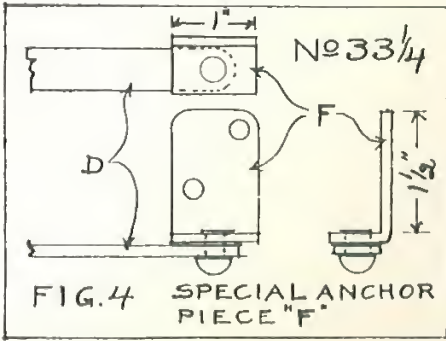


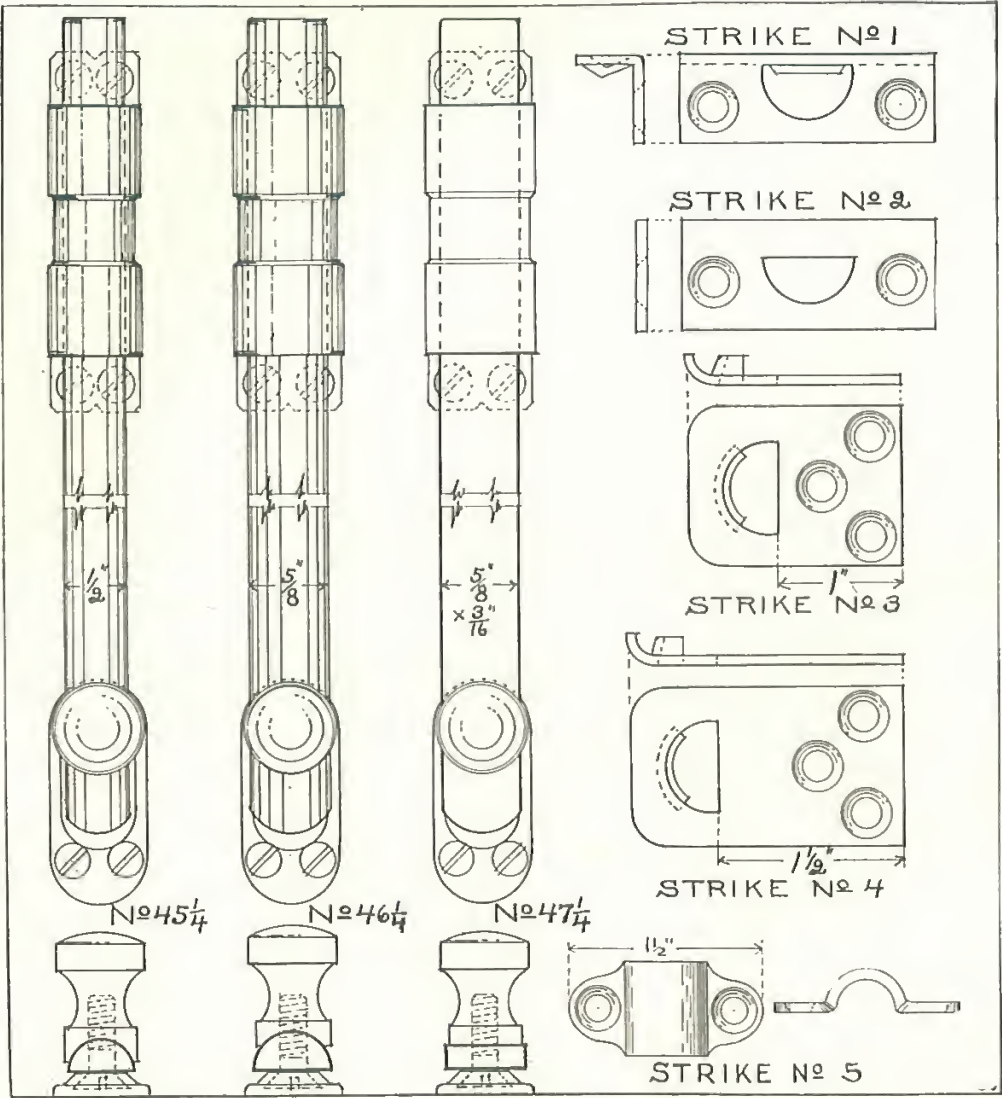
Fig. 4.



SURFACE BOLTS

PATENTED

No. 45 1/4, No. 46 1/4, No. 47 1/4



HALF FULL SIZE

The strikes illustrated on this page are also used with our cremorne bolts as shown on page No. 26



SURFACE BOLTS

PATENTED

No. 45 1/4, No. 46 1/4, No. 47 1/4

THESE BOLTS have the same guides as our Cremorne Bolts and may be painted or stained without showing scratches.

Steel Bolts are always furnished with Brass Knobs.

WE RECOMMEND that the galvanized bolt be used and painted or stained at the job to match the woodwork.

IN ORDERING state what strikes are wanted. Strike No. 4 will be furnished if no definite order is given.

PRICE LIST

Description		No. 45 1/4, Each			No. 46 1/4, No. 47 1/4, Each		
	Length of Bolt	6 in.	12 in.	18 in.	6 in.	12 in.	18 in.
F2	Steel, electro-galvanized	\$0.75	\$0.90	\$1.10	\$0.85	\$1.10	\$1.30
F3	Steel, black rustless	.75	.90	1.10	.85	1.10	1.30
	Steel, plated F4P to F14P.....	.85	1.05	1.25	1.00	1.25	1.50
	Steel, plated F5PS to F13PS.....	.95	1.15	1.35	1.10	1.35	1.60
	Brass or Bronze metal, unpolished.	1.10	1.30	1.60	1.30	1.60	2.00
	Brass or Bronze metal, polished dull or bright.....	1.50	1.80	2.20	1.70	2.20	2.60
For finishes A7P to A14P and B8P to B14P		1.70	2.10	2.50	2.00	2.40	3.00
For finishes A11PS to A15PS and B11PS to B15PS		2.00	2.40	2.90	2.30	2.70	3.40
Extra length of Bolt, 6 inches or fraction, steel, galvanized or plated, add to List.....				.20			.30
Extra length of Bolt, 6 inches or fraction, brass metal, add to List.....				.30			.50
For Plating Knobs only.....				.15			.15

Packed 1 Dozen in a Box with Screws.

RIXSON

THE RIXSON CREMORNE BOLT HALF SIZE

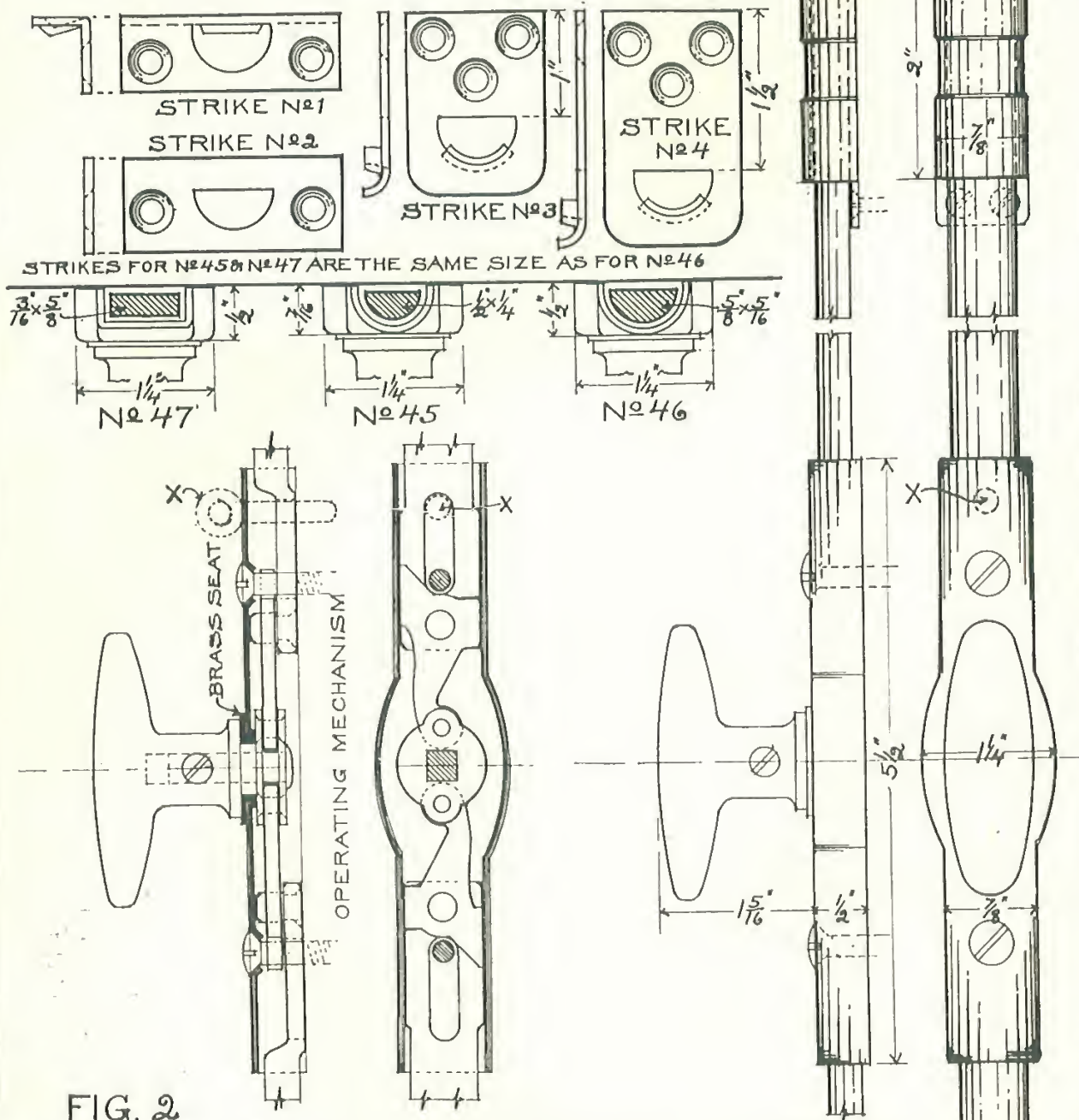


FIG. 2

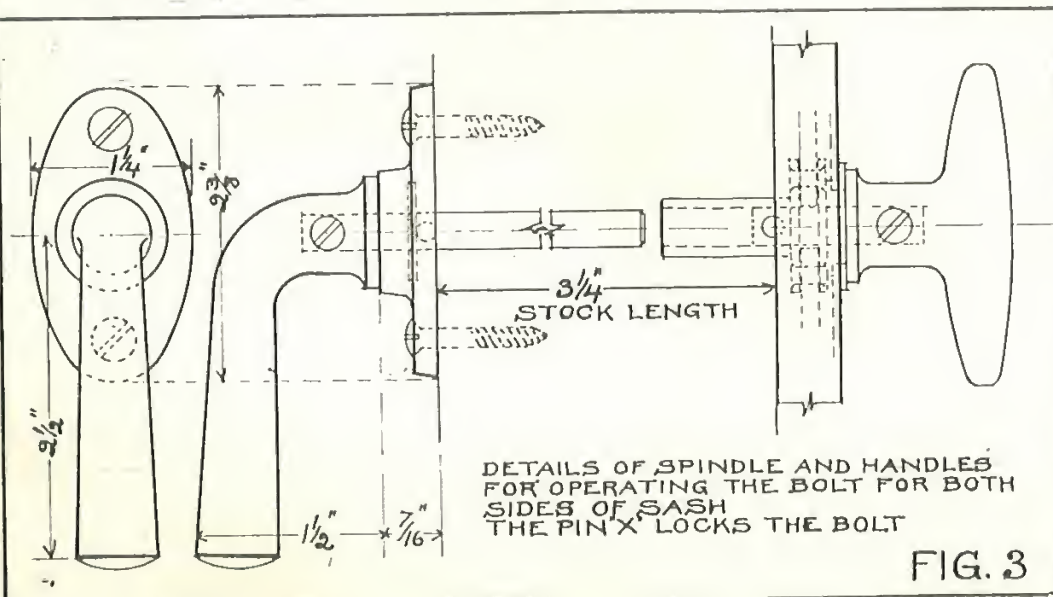


FIG. 3



CREMORNE BOLTS

PATENTED

No. 45, No. 46, No. 47

WHEN BOLTS ARE CUT TO SPECIAL LENGTH at the Factory the measure is taken when bolts are thrown, as when the sash is closed, the bolt will measure 1¼-inch less when it is drawn.

STOCK LENGTH OF BOLTS. Measure taken when bolts are thrown. No. 45, 5' 8" long. No. 46 and No. 47 are 8' 6" long; an extra charge is made for every 6-inches of additional length or fraction thereof.

THE HANDLE IS LOCATED in the center of the standard length bolt and bolts shorter than standard. Where bolts longer than standard are wanted the additional length is added to the top bar unless otherwise ordered. Bolts over 8' 2" should have two guides for the top bar.

When Handles as shown in Fig. 3 are ordered, the bolt will be provided with the locking pin "X" unless otherwise ordered.

THE ACTION OF THE HANDLE is reversed by simply turning over the operating mechanism.

IN ORDERING state what strikes are wanted. Two No. 3 strikes and one No. 1 strike are packed regularly, unless definite order is given. Strike No. 5 as shown on page No. 24 can be furnished upon request.

BRASS OR BRONZE Knob Handles or Lever Handles are furnished at the same price. No cast iron handles made.

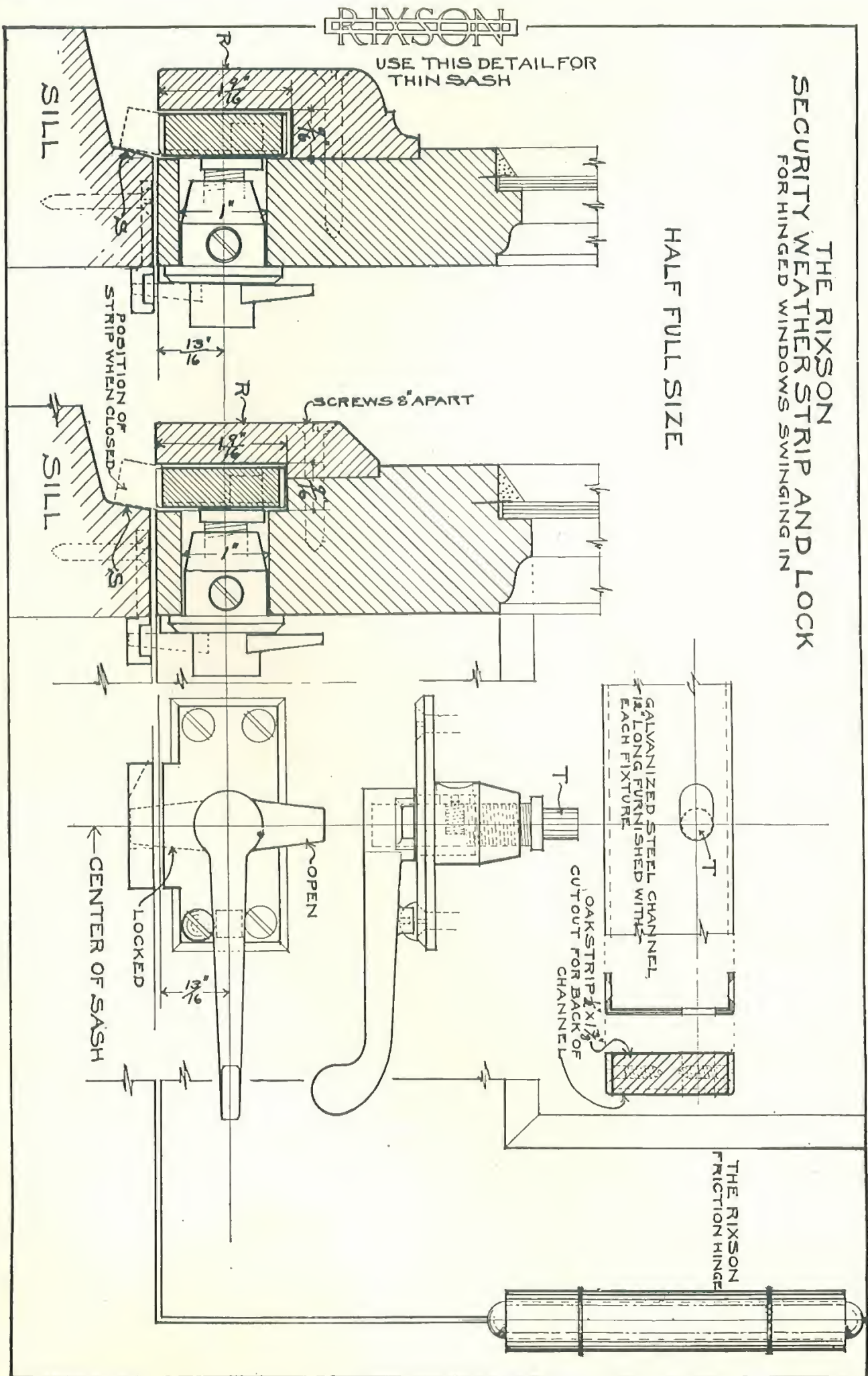
PRICE LIST

		Each No. 45	Each No. 46 No. 47
F2	Steel, electro galvanized for painting.....	\$3.25	\$ 3.75
F3	Steel, black rustless	3.25	3.75
	Steel, plated F4P to F14P.....	3.75	4.40
	Steel, plated F5PS to F13PS.....	4.25	5.00
A	Brass or bronze metal, unpolished.....	6.00	7.25
A	Brass or bronze metal, polished dull or bright.....	6.50	8.00
	For finishes A7P to A14P and B8P to B14P.....	7.25	9.10
	For finishes A11PS to A15PS and B11PS to B15PS.....	8.25	10.10
	For finishes B16PS and A17P.....	9.50	11.75
	Extra length of rod, 6 inches or fraction, steel, galvanized.....	.20	.30
	Extra length of rod, 6 inches or fraction, brass metal.....	.30	.50

Bolts equipped with handles as per Fig. 3, add to list.....\$3.00
 Plating Handles only F6P to F14P..... .30
 Plating Handles only F6PS to F14PS..... .50
 Extra Guides, steel, galvanized. Each..... .40
 Extra Guides, brass metal (including plating). Each..... .75
 "Cutting rods to exact length shorter or longer than stock length, add
 to list. Each..... .50
 No charge for cutting if 25 or more of the same length are wanted."

THE RIXSON
SECURITY WEATHER STRIP AND LOCK
FOR HINGED WINDOWS SWINGING IN

HALF FULL SIZE





SECURITY WEATHER STRIP AND LOCK
NO. 49

For Hinged Windows Swinging In. See detail drawings on opposite page.

THIS WEATHER STRIP does not depend on accurate fit to make a tight job, the slope S on the sill and a little "give" in the covering strip R does the trick. When the lever handle is turned to lock the sash the eccentric T moves the Strip downward and the Slope S forces the strip against the covering R, which has enough "give" or spring in it to take up any unevenness that might exist.

The bottom of the strip is not intended to fit against the top of the sill.

The advantage of a combined Lock and Weather Strip is that while the person who turns the lever handle to lock the sash may not know of the existence of the Weather Strip, the act of locking the sash throws the Weather Strip into position.

INSTRUCTIONS

The back of the galvanized steel channel must be let into the oak strip (see details) and the strip should be painted two coats before it is put in place, and the groove in which the strip is housed should be painted two coats.

THE LEVER IS ADJUSTABLE for sash from 1⅜-inch to 2¼-inch thick. Any other size made to order at small advance in price. No Cast Iron Goods Made.

This Weather Strip is suitable for sash up to 3' 6" wide.

For High Windows specify a suitable bolt for the top of the sash.

PRICE LIST

	Per Set
Bronze or Brass Metal.....	\$3.00
For finishes A7P to A14P and B8P to B14P add to list.....	.70

One set required for each sash.

Packed two sets in a box.



CONCEALED TRANSOM OPERATOR

NO. 48

PATENTED

For operating transoms over interior doors, such as corridor doors in Hotels, Hospitals, Office Buildings, etc.

THIS DEVICE IS NOT RECOMMENDED FOR OPERATING TRANSOMS IN EXTERIOR WALLS.

THE SIMPLICITY OF CONSTRUCTION is clearly shown in Fig. 9, and the efficiency of a screw-mechanism, such as that employed in this device, is so well understood that further description is unnecessary.

Made of COLD ROLLED STEEL with every bearing BRONZE BUSHED. All steel parts ELECTRO GALVANIZED. Operating handle CAST BRASS OR BRONZE.

Fig. 9 shows the ordinary bottom hung transom, but this operator is equally applicable to TOP OR CENTER PIVOTED TRANSOMS.

THE HANDLE CAN BE LOCATED in any position on the casing by blocking out the jamb at screws E-E, lower end of operator. The upper end must not be blocked out.

Bending Plate F and Rod C does not interfere with the proper working of the device as the rod C is made of double strips to permit of bending without causing friction.



Fig. 9

INSTRUCTIONS FOR DETAILING

For transoms hinged at the bottom, round the lower edge of the transom as shown in Fig. 6 or detail the transom bar as shown in Fig. 7. The same instructions apply to transoms hung at top.

Center pivoted transoms are usually desired rabbeted; Fig. 8 indicates how rabbet should be formed and the offset arm required. OFFSET SASH ARM must also be used on bottom or top hung transoms when the sash sets back an inch or more from the edge of the jamb, or where the construction is such that arm shown in Fig. 9 cannot be screwed in place.

Bottom or top hung transoms should not exceed 2' 0" in height. Center pivoted transoms should not be less than 3' 0" in height.

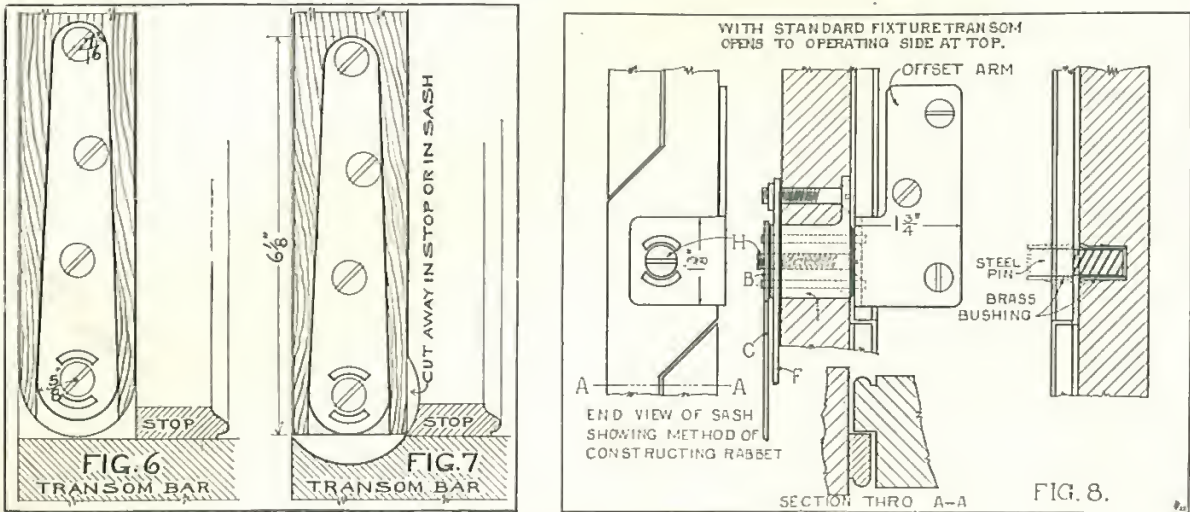
THE JAMB ON WHICH THE OPERATOR IS FASTENED SHOULD BE SET 1¼" FROM THE BUCK.



CONCEALED TRANSOM OPERATOR

NO. 48

PATENTED



INSTRUCTIONS FOR ORDERING

A right hand door takes a right hand operator when the fixture is placed on the lock side of the door. Fig. 9 shows a left hand operator.

THE LENGTH OF THE OPERATOR is governed by the height of the door. In the case of center and top hung transoms the height of the sash must also be considered.

For doors 7' 0" high with bottom hung transoms we carry in STOCK OPERATORS 2 FEET 3 INCHES LONG FROM CENTER OF PIVOT TO CENTER OF HANDLE. (See Fig. 2.) This brings the handle about 5' 0" from the floor, which has been found the best location, as torn clothes have resulted from handles placed lower.

- STATE HAND WANTED.
- GIVE HEIGHT OF DOOR.
- GIVE HEIGHT OF TRANSOM.
- GIVE THICKNESS OF DOOR JAMB.
- STATE IF TRANSOM IS TO BE HUNG AT BOTTOM, CENTER OR TOP.
- GIVE THICKNESS OF TRANSOM BAR.
- GIVE FINISH WANTED ON HANDLE. NO HINGES NEEDED.

PRICE LIST

No extra charge for operators up to 3' 6" long.
Prices given are for operator complete with T handle.

	Each
Complete with T Handle in Brass or Bronze Metal, dull or bright.....	\$7.00
For Finishes A7P to A14P and B8P to B14P.....	7.50
For Finishes A11PS to A15PS and B11PS to B15PS.....	7.80



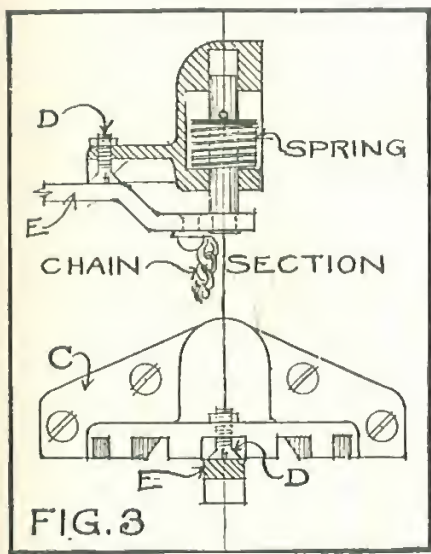
GARAGE DOOR HOLDER NO. 37

PATENTED

Locks the door automatically when opened to right angle and also when opened 45 degrees beyond right angle. A slight pull on the chain releases the door.

It will also act as Top Bolt and as Lock by simply removing screw D, so that the cost of a top bolt is always saved and where conditions permit a pair of doors may be bolted and locked by the use of no other hardware than two Holders.

It is clear that doors so locked cannot be opened from the outside.
This device is applied to right or left hand doors without any change.



PRICE LIST

Black Japanned	Each	\$3.00
Galvanized	Each	4.25
Black rustless iron	Each	4.25
Packed two in a box with screws.		



SINGLE-ACTING DOOR CHECK

PATENTED

1924 MODEL

WE GIVE AN ABSOLUTE TWO-YEAR GUARANTEE COVERING THIS DEVICE.

If our record of 25 years in the manufacture of Builders' Specialties is such that our word has any weight, then the foregoing guarantee should be enough to justify ordering and using this check without reserve.

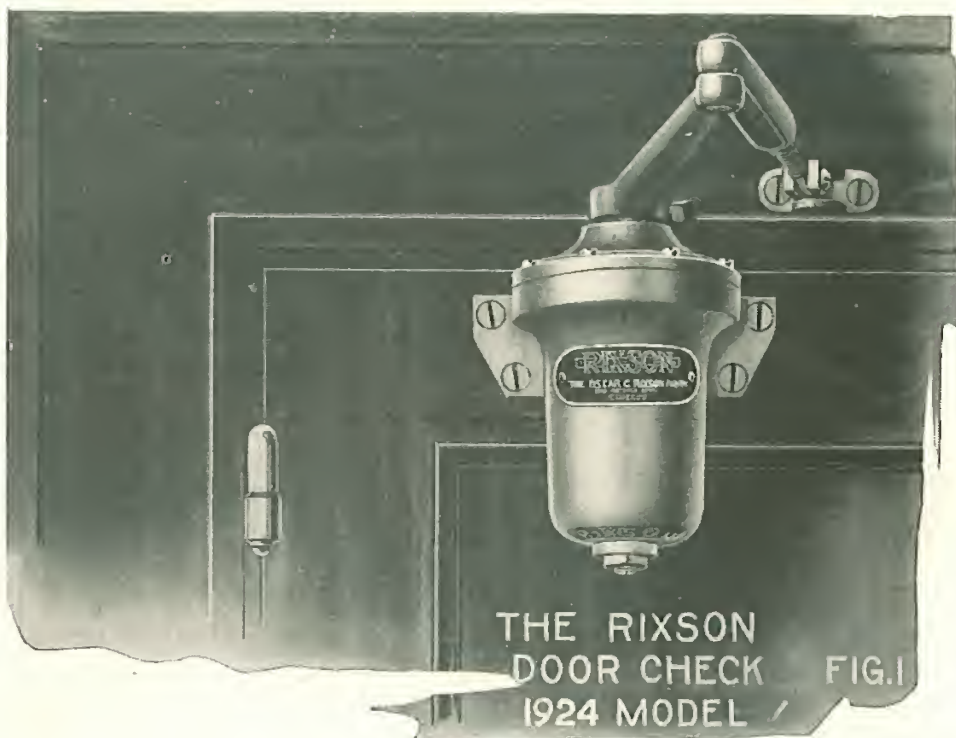
This check is compact, neat in appearance, of sturdy construction, and very easy to apply. The best of material and workmanship are embodied in the manufacture of this article, and if properly applied it will give a maximum of service.

THIS DEVICE OPERATES RIGHT OR LEFT HAND DOORS WITHOUT ANY CHANGE IN THE MECHANISM.

The spring in this device is set to the proper tension at the factory.

The whole device is filled with the checking liquid.

IT IS TO BE NOTED THAT IN SOLID BRONZE we still have the Seamless Pressed Steel Shell and cast iron plunger, see Fig. 2, page 40.





SINGLE-ACTING DOOR CHECK

PATENTED

1924 MODEL

PRICE LIST, EACH

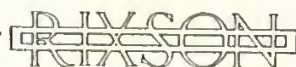
Sizes	Description	Iron Painted	Plated Iron				Bronze Metal			
		Gold, Maroon, Aluminum Bronze and Dead Black.	Unpolished plated, Bronze, Brass, Antique Brass or Copper, Statuary Bronze, and Nickel.	Polished plated Bronze, Brass Antique Brass or Copper, Statuary Bronze and Nickel.	Black Rustless Iron Finish.	Electro-Galvanized.	Unpolished Natural Color.	Polished Natural Color.	Unpolished, plated Nickel, Copper, Antique Brass, Antique Copper, Statuary Bronze.	Polished, plated Nickel, Copper, Antique Brass, Antique Copper, Statuary Bronze.
1	For Screen Doors	5.20	8.40	11.60	9.20	7.70	16.00	19.20	22.40	24.00
2	For light inside doors not over 3 ft. by 7 ft.	6.80	10.00	13.20	10.80	9.30	19.20	22.40	25.60	27.20
3	For medium corridor doors. For outside doors 2 ft. 6 in. by 7	8.00	11.20	15.20	12.00	10.50	22.40	25.60	28.80	30.40
4	For heavy corridor doors. For outside doors 3 ft. by 8 ft.	9.60	12.80	16.80	13.60	12.10	27.20	30.40	33.60	35.20
5	For outside doors not over 3 ft. 6 in. by 8 ft.	12.80	16.00	20.80	16.80	15.30	32.00	35.20	38.40	40.00
6	For extra large doors	16.00	19.20	24.00	20.00	18.50	38.40	43.20	46.40	48.00

NOTE:—Iron Door Checks painted to imitate Plated finishes, add \$0.50 each list. Outside doors opening OUT use a check ONE SIZE SMALLER than specified above.

Outside doors opening IN subjected to heavy draughts use ONE SIZE LARGER than specified above.

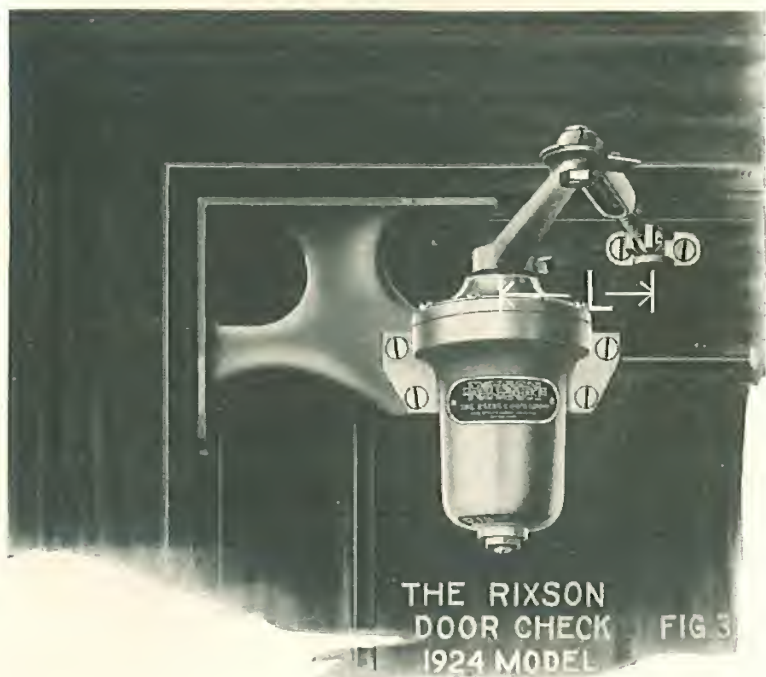
Checks with Holder Arm attachment, either regular or 180 degrees, add \$1.20 each list.

Sizes 3, 4, 5, and 6 can be furnished with a fusible link holder arm for hinged fire doors, add \$2.50 list.



SINGLE-ACTING DOOR CHECK

PATENTED
1924 MODEL



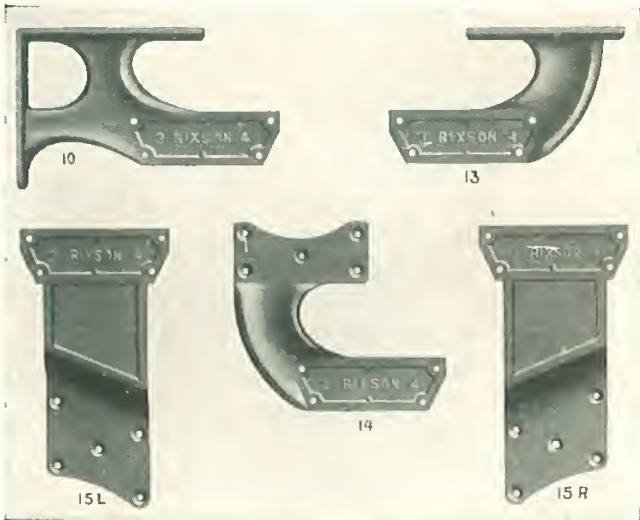
For outside doors swinging out it is best to put the check on a Bracket inside the doors as shown in Fig. 3.

MALLEABLE IRON BRACKETS

GOLD, ALUMINUM OR DEAD BLACK
PAINTED ARE STANDARD FINISHES

SIZE	STYLE			
	10	13	14	15
1		.55		
2	1.05	.65		
3 & 4	1.20	.70	1.05	1.20
5 & 6	1.85	1.20	1.45	1.85

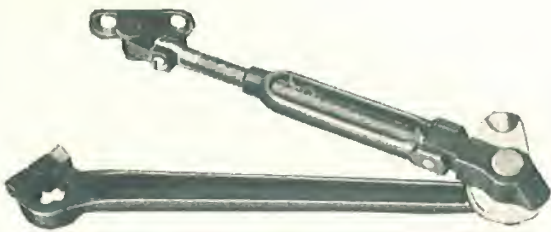
WE RECOMMEND THE USE OF
STYLE NO. 10 CORNER BRACKET



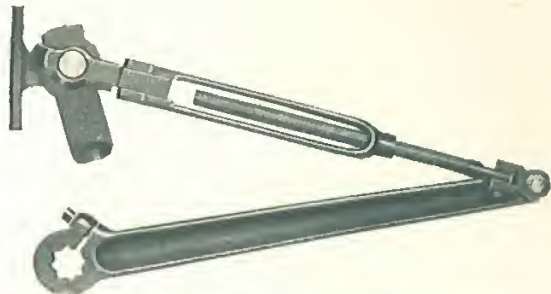


THE RIXSON HOLDER ARM

PATENTED



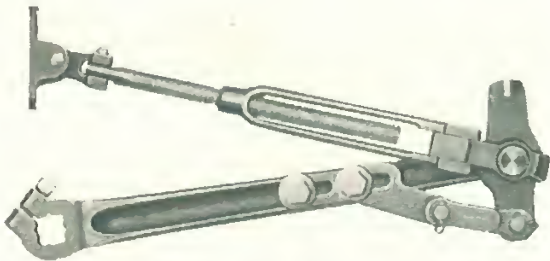
THE RIXSON HOLDER ARM



THE RIXSON 180 DEGREE
HOLDER ARM

For door check No. 1	\$2.40	For door check No. 4 & 4-C	\$3.00
For door check No. 2 & 2-A	2.60	For door check No. 5 & 5-D	3.20
For door check No. 3 & 3-B	2.80	For door check No. 6 & 6-E	3.40

Prices are for ARM ONLY. For Holder Arm and Check Complete see Page 37.



THE RIXSON FUSIBLE LINK
HOLDER ARM

Size 3	\$4.10
Size 4	4.30
Size 5	4.50
Size 6	4.70

This is a new Holder Arm, worked out on decidedly new principles, neat in appearance, and effective.

The hold-open mechanism can be set to hold at any desired angle from 20° up to 135°. The point we wish to draw particular attention to, is, that the door can be opened, with ease and safety, beyond the point at which it may be set to hold. The Hold Open feature becomes effective only when the door is stopped at the point set for this action. A slight push or pull on the door operates the holder, smoothly and quietly.

In that the mechanism can be set to hold open at 20°, makes it a most practical device for use on coupon and telephone booth doors.

The hold-open feature being embodied entirely in the arm, makes it convenient to change from regular to holder arm as occasion may require.



SINGLE-ACTING DOOR CHECK

PATENTED

1924 MODEL

- | | |
|---------------------------|--------------------------|
| 1. Case. | 17. Plunger Ball. |
| 2. Cover. | 18. Plunger Pin. |
| 3. Spring. | 19. Cork Packing Washer. |
| 4. Upper Spring Carrier. | 20. Follow Washer. |
| 5. Bearing Sleeve. | 21. Main Arm. |
| 6. Valve Nut. | 22. Loop. |
| 7. Valve Screw. | 23. Loop Rivet. |
| 8. Valve Washer | 24. Screw Rod. |
| 9. Spindle Bottom Washer. | 25. Connector. |
| 10. Lower Spring Casting. | 26. Connector Screw. |
| 11. Diamond Block. | 27. Anchor. |
| 12. Shell Assembly Only. | 28. Arm Screw. |
| 13. Plunger Link. | 29. Anchor Rivet. |
| 14. Plunger. | 30. Attaching Screws. |
| 15. Spindle. | 31. Cover Screws. |
| 16. Shell Bottom. | |

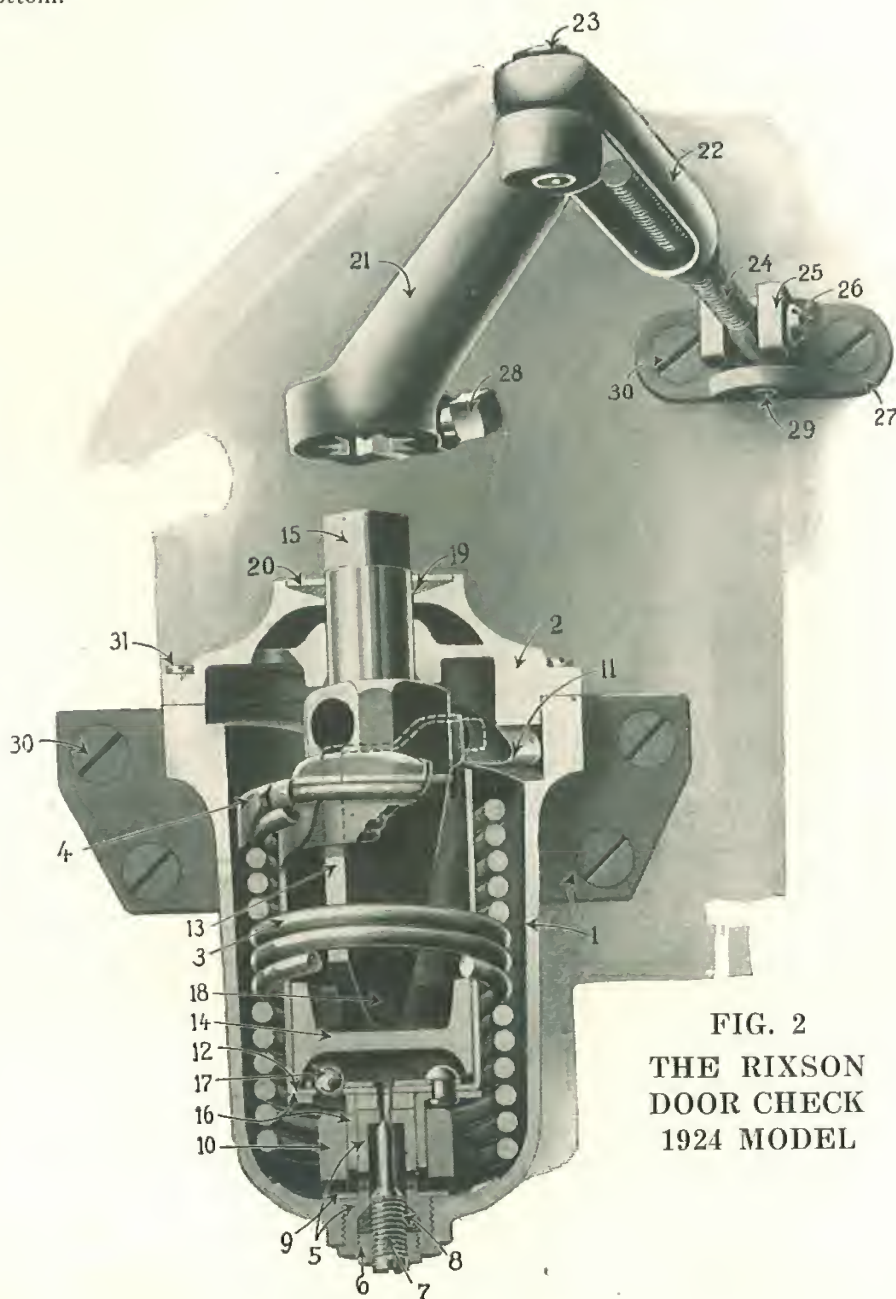


FIG. 2
THE RIXSON
DOOR CHECK
1924 MODEL

RISON

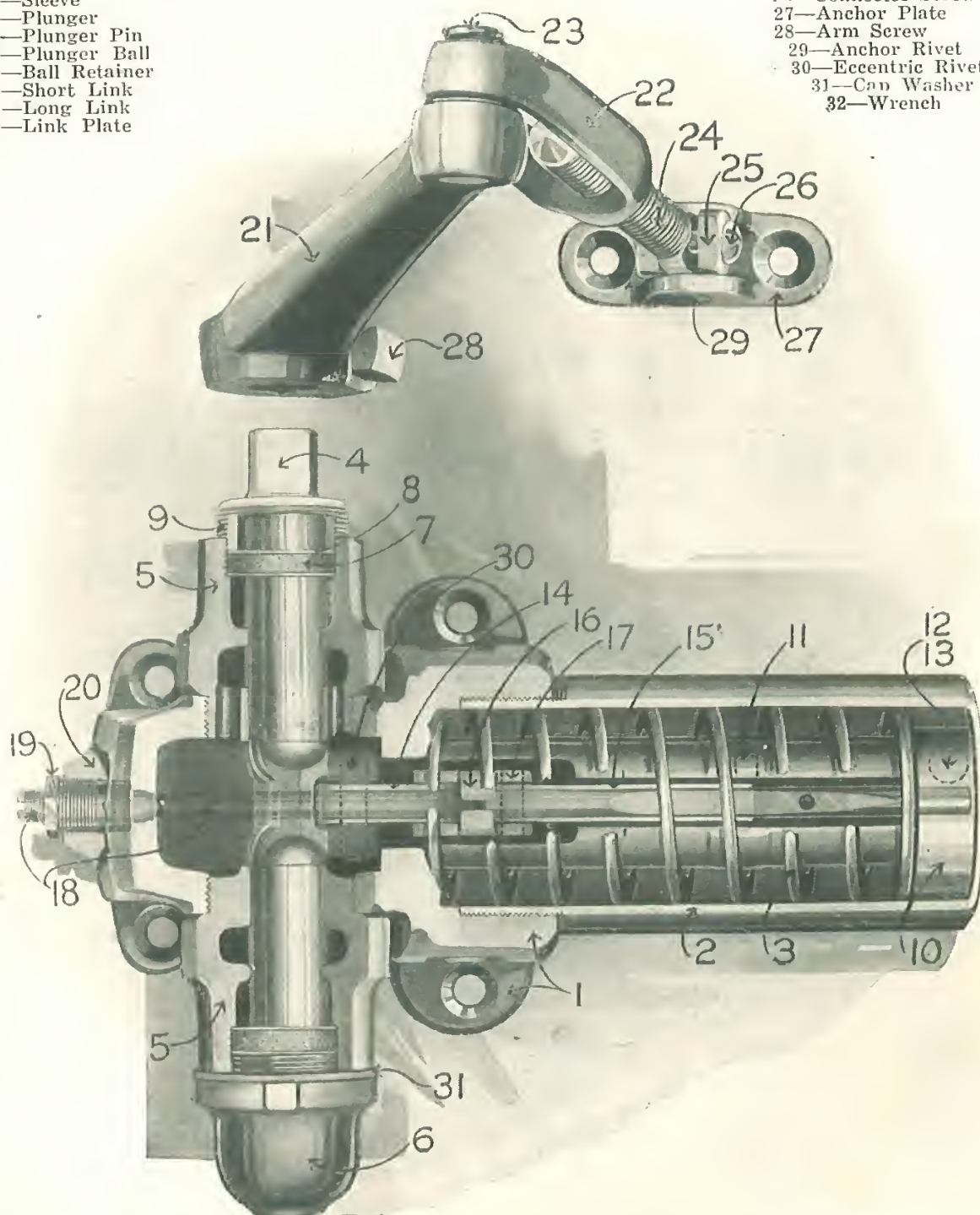
SINGLE-ACTING DOOR CHECK

PATENTED

Sizes A to E

- 1—Case
- 2—Shell
- 3—Spring
- 4—Eccentric
- 5—Nut
- 6—Cap
- 7—Cork Packing Washer
- 8—Follow Washer
- 9—Sleeve
- 10—Plunger
- 11—Plunger Pin
- 12—Plunger Ball
- 13—Ball Retainer
- 14—Short Link
- 15—Long Link
- 16—Link Plate

- 17—Link Rivet
- 18—Valve
- 19—Valve Nut
- 20—Valve Washer
- 21—Main Arm
- 22—Loop
- 23—Arm Stud
- 24—Screw Rod
- 25—Connector
- 26—Connector Screw
- 27—Anchor Plate
- 28—Arm Screw
- 29—Anchor Rivet
- 30—Eccentric Rivet
- 31—Cap Washer
- 32—Wrench





SINGLE-ACTING DOOR CHECK

PATENTED

Sizes A to E

This Check is applied to Right or Left hand doors without any change in the mechanism.

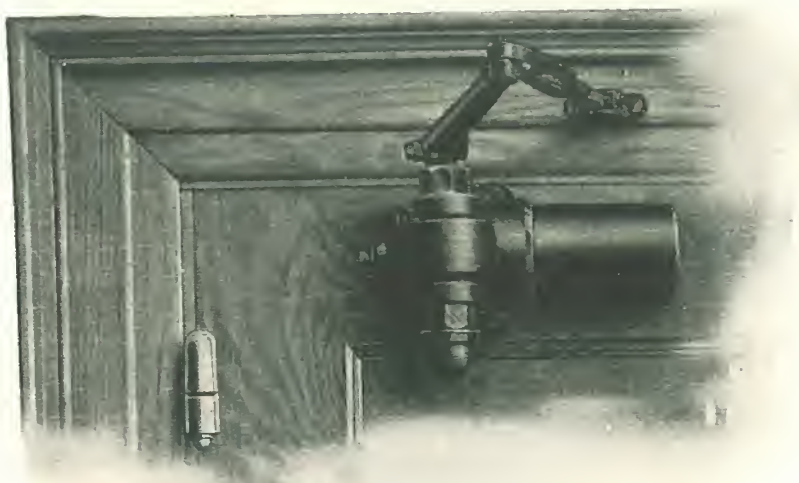
To increase Spring Power set the check about 2 inches further from the hinge edge of the door.

The longevity of this device, which is now generally admitted, is principally due to the fact that the spring cannot be tampered with.

Nearly all troubles with Door Checks come from broken springs—broken because they have been wound up beyond the safe limit. One type of spring will last just as long as another provided they have been designed and are working according to the Factors of Safety that govern each particular type. It, therefore, seems almost reckless to permit the mechanic who puts up the device to wind up the spring and expect him to know just where safety ends and where danger begins.

SOLID BRONZE CHECKS

When made in Solid Bronze, we still use the Seamless Pressed Steel Tube, in which the spring and piston work, and cover it with a Bronze Tube; this gives us a device which has the same wearing surface as when made in iron and for which we can give the same absolute guarantee.





SINGLE-ACTING DOOR CHECK

PATENTED

Sizes A to E

PRICE LIST—EACH

SIZE.	DESCRIPTION	Iron Painted	Plated Iron				Bronze Metal			
		Gold, Maroon, Aluminum Bronze and Dead Black.	Unpolished, Plated Bronze Brass, Antique Brass or Copper, Statuary Bronze and Nickel.	Polished, plated Bronze Brass, Antique Brass or Copper and Statuary Bronze and Nickel.	Black Rustless Iron Finish.	Electro-Galvanized.	Unpolished Natural Color.	Polished Natural Color.	Unpolished, plated Nickel, Copper, Antique Brass, Antique Copper, Statuary Bronze.	Polished, plated Nickel, Copper, Antique Brass, Antique Copper, Statuary Bronze.
2-A	For light inside doors not over 3 ft. by 7 ft.	\$ 6.80	\$10.00	\$13.20	\$10.80	\$ 9.30	\$19.20	\$22.40	\$25.60	\$27.20
3-B	For medium corridor doors. For outside doors 2 ft. 6 in. by 7 ft.	8.00	11.20	15.20	12.00	10.50	22.40	25.60	28.80	30.40
4-C	For heavy corridor doors. For outside doors 3 ft. by 8 ft.	9.60	12.80	16.80	13.60	12.10	27.20	30.40	33.60	35.20
5-D	For outside doors not over 3 ft. 6 in. by 8 ft.	12.80	16.00	20.80	16.80	15.30	32.00	35.20	38.40	40.00
6-E	For extra large doors	16.00	19.20	24.00	20.60	18.50	38.40	43.20	46.40	48.00

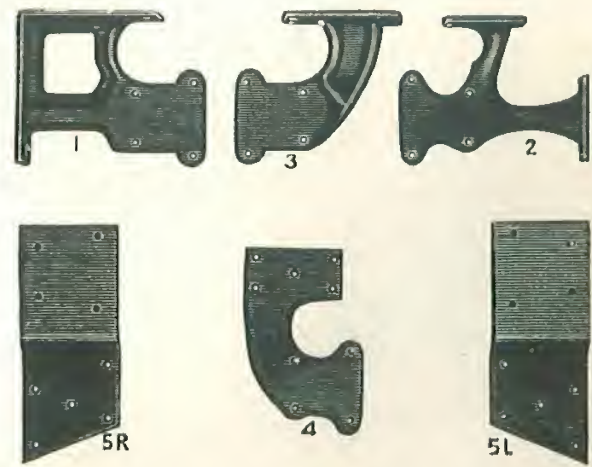
NOTE:—Iron Door Checks painted to imitate Plated finishes, add \$0.50 each list. Outside doors opening OUT use a check ONE SIZE SMALLER than specified above. Outside doors opening IN subjected to heavy draughts use one size larger than specified above. Checks with Holder Arm attachment, either Regular or 180 degrees, add \$1.20 each list. Sizes 3-B, 4-C, 5-D, and 6-E can be furnished with a fusible link holder arm for hinged fire doors, add \$2.50 list.

MALLEABLE IRON BRACKETS

Gold, Aluminum or Dead Black painted are standard finishes.

Size	Style				
	1	2	3	4	5
A	\$1.04	\$1.04	\$0.64	\$0.80	\$1.04
B	1.20	\$1.20	.72	1.04	1.20
C	1.52	\$1.52	.88	1.20	1.52
D	1.84	\$1.84	1.20	1.44	1.84
E	1.94	\$1.94	1.30	1.54	1.94

We Recommend the Use of Style No. 1 Corner Bracket.





DOUBLE-ACTING DOOR CHECK NO. 44

PATENTED

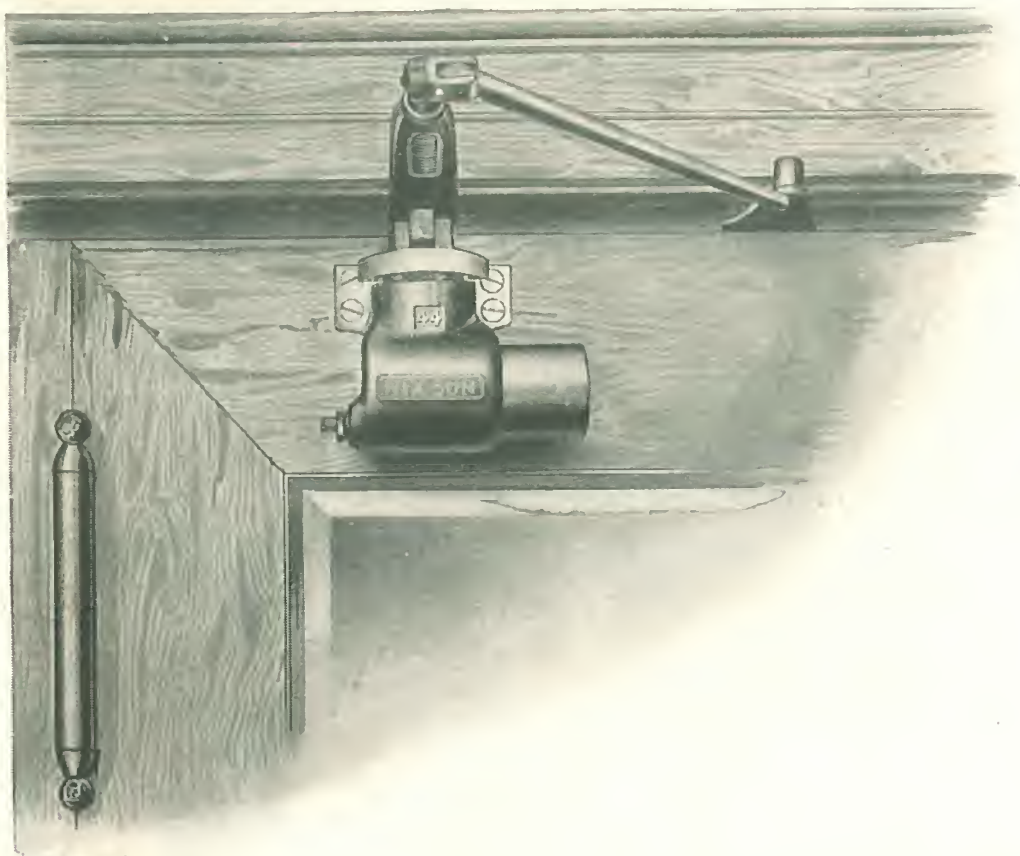
THERE IS NO SPRING in this device, it is a CHECK ONLY and is designed for use on doors hung on double-acting spring hinges.

It brings the door to rest at center without any Flip-Flap.

This device has been on the market since 1904 and should not require any long description. Suffice it to say that it is in use under all sorts of conditions—in Buildings, Street Cars, Trans-Atlantic Steamers, etc., and is giving satisfactory service.

THIS CHECK MAY BE ATTACHED on the inside or on the outside of the door, Right or Left hand, without any change in the mechanism, and the door does not have to be altered in any way. All that has to be done is to screw the check to the top of the door and the anchor piece "D" to the head jamb.

THE TWO VALVES V-V makes it possible to have a heavy checking resistance for one side and a light checking resistance for the other side, this is a necessary feature in a double-acting check on entrance doors because when the door is closing from the outside the wind will tend to slam the door, and a heavy checking resistance is required to control the door, while the contrary is the case when the door closes from the inside, then the wind tends to retard the closing of the door and a light checking resistance is required, otherwise the door will take too long in closing or will stand partly open.





DOUBLE-ACTING DOOR CHECK NO. 44

PATENTED

There is no spring in this device, it is a CHECK ONLY and is designed for use on existing doors hung on double acting spring hinges.

It brings the door to rest at center without any Flip-Flap.

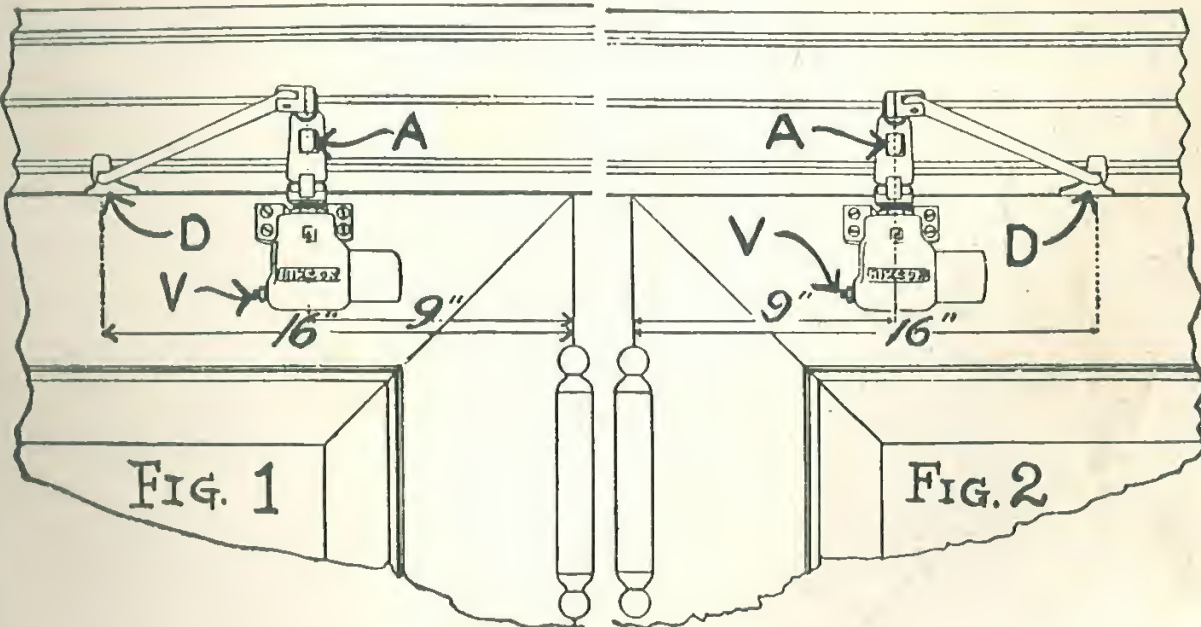
FOR DOUBLE ACTING DOORS IN NEW WORK WE RECOMMEND THE FOLLOWING SPECIFICATIONS:

FOR DOUBLE ACTING ENTRANCE OR VESTIBULE DOORS USE RIXSON STYLE NO. 30 DOUBLE ACTING FLOOR CHECK.

FOR DOUBLE ACTING PANTRY DOORS USE RIXSON STYLE NO. 10 DOUBLE ACTING FLOOR CHECK.

PRICE LIST—EACH

DESCRIPTION	Iron Checks			Solid Bronze or Brass		
	Gold and Aluminum. Bronzed or Dead Black.	Unpolished, Plated Bronze Brass, Antique Brass or Copper and Statuary Bronze. Sand blast fin. add 80c list. Nick. pl. unpl. add. \$1.00 list.	Polished, plated Bronze, Brass, Antique Brass or Copper and Statuary Bronze Sand blast fin. add 80c list. Nickel pl. pol. add \$4.00 list.	Black Rustless Iron Finish.	Unpolished Natural Color.	Polished. Natural Color.
No. 44 For doors not over 3'6"x7'6"	\$11.50	\$15.50	\$18.50	\$15.50	\$28.00	\$31.00
						\$36.00



Showing Position of Check When
Hinges are on Left-Hand Side.

Showing Position of Check When
Hinges are on Right-Hand Side.



SINGLE-ACTING FLOOR CHECK

No. 20 and No. 25

PATENTED

THIS DEVICE will permit the door to open clear back 180 degrees and will close from that point.

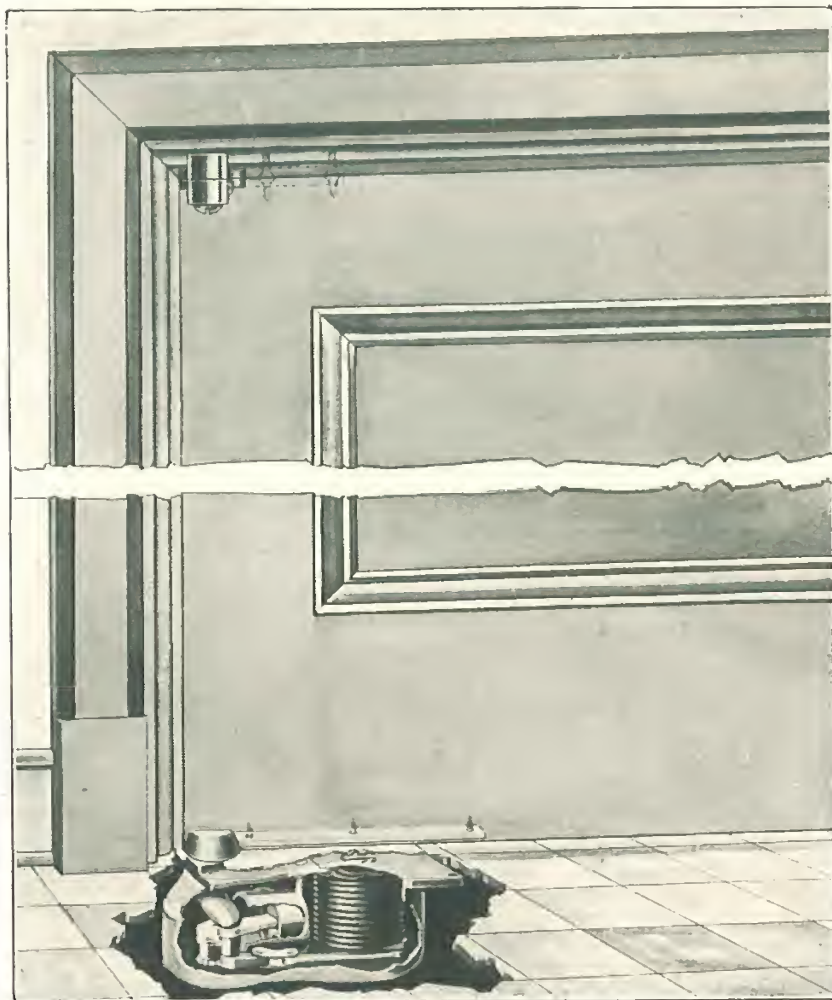
The spring power is adjustable so that the desired spring tension can be had to take care of varying conditions met with. See page No. 49.

CAST METAL DOORS weighing 475 pounds have been mounted on the device with entire satisfaction because the weight of the door comes on a drop-forged and case-hardened steel spindle which is supported in the device on a ball-bearing composed of ten $\frac{1}{4}$ -inch steel balls which run in a case-hardened ball race.

The whole device is filled with our checking fluid, which has high lubricating qualities and will not freeze at 40 degrees below zero.

SHOULD THE DOOR DRAG on the threshold or on the head jamb the connection between the drop-forged steel arm on which the door rests and the spindle of the device is such that the door can be raised or lowered at any time. The value of this adjustment should be readily appreciated. See page No. 49.

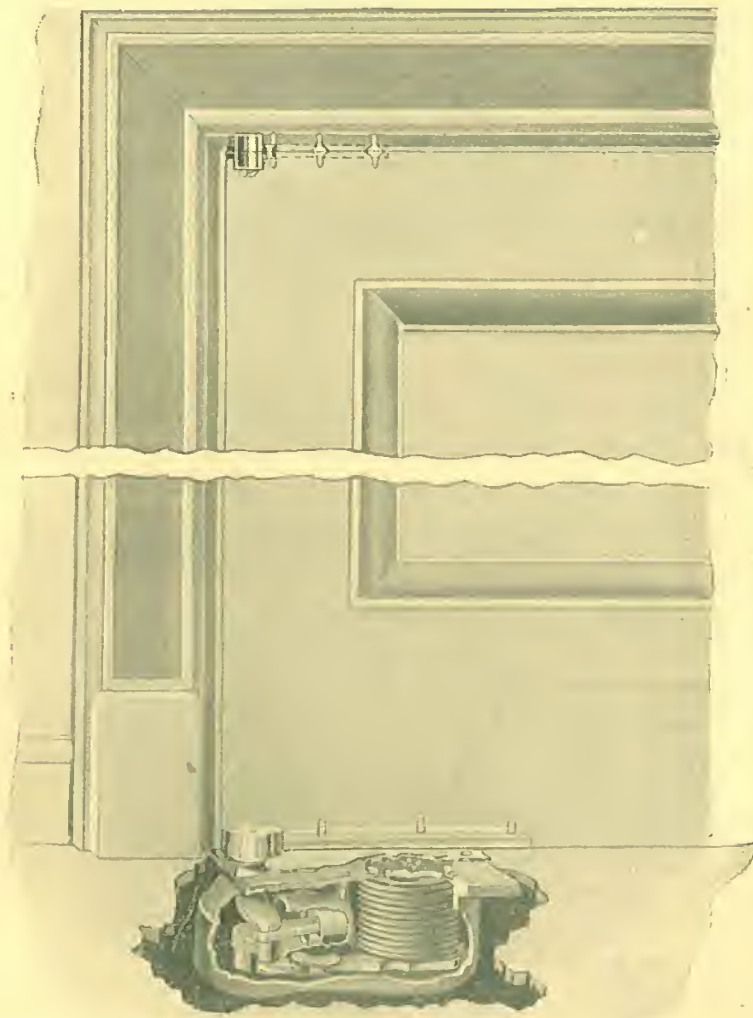
The top pivot is made of special tough, hard bronze and the pivot-bolt is case-hardened steel.



DIXSON
DIXSON

No. 18
SINGLE ACTING FLOOR CHECK
(OFFSET TYPE)

FOR INTERIOR DOORS
PATENTED





No. 18 SINGLE ACTING DOOR CHECK

(OFFSET TYPE)

FOR INTERIOR DOORS

This Check is patterned after the highly successful Rixson No. 20-25 Floor Check which has been on the market for many years, used on entrance and vestibule doors. The No. 18 Check fills a long felt need for a Dependable Single Acting Floor Check for **Inside Doors** where the larger Rixson Floor Checks cannot be used.

Being of the offset type the door can be opened to 180° (trim permitting); closing the door from all points of opening.

The No. 18 Single Acting Floor Check like the larger models No. 20 and No. 25, is made of the best grade of forgings, castings and other materials, and will give the utmost satisfaction. All working parts are immersed in a checking liquid which also serves as a lubricant. Spring Tension Being Adjustable permits this Check being adapted to varying conditions.

The weight of the door rests on a drop-forged and case hardened steel spindle which is supported in the device on Ball Bearings.

SHOULD THE DOOR DRAG on the threshold or on the head jamb the connection between the arm on which the door rests and the spindle of the device is such that the door can be raised or lowered at any time. The value of this adjustment should be readily appreciated.

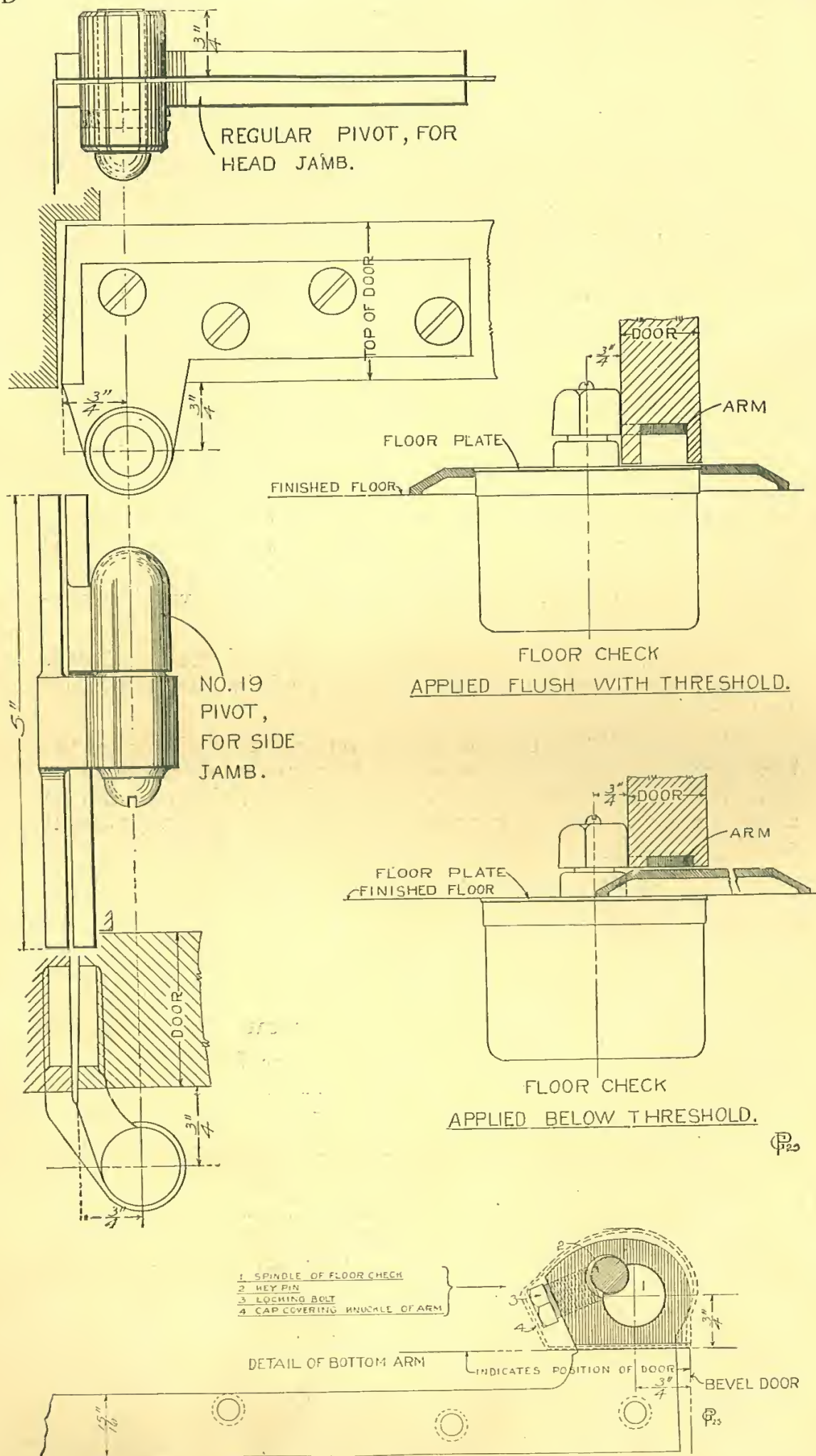
WHEN ORDERING STATE HAND

PRICE LIST

	Each
No. 18 with dull or polished brass or bronze floor plate, malleable iron top pivot and steel arm cap.....	\$21.00
No. 18 with dull or polished brass or bronze floor plate, bronze top pivot and arm cap.....	24.00
For finishes A-6P and B-6P to A-15PS and B-15PS inclusive add	1.00
For No. 19 Pivot in addition to regular top pivot add	4.50
No. 19 Pivot furnished in place of bronze top pivot for segment head doors at no additional cost.	

The above prices include Cement Box.

Packed One in a Carton; Six in a Case





SINGLE-ACTING FLOOR CHECK

No. 20 and No. 25

PATENTED

FINISH:—We recommend that the top pivot and the cap covering the knuckle of the arm be painted the same as the door or finished to match the rest of the hardware and that the floor plate be ordered in either brass or bronze, natural color, because any special finish on this plate will disappear in a few days.

SPECIAL PIVOT No. 19 should be specified as an intermediate pivot for doors 8'0" high or over. We furnish pivot No. 19 instead of the regular top pivot without extra charge.

SEGMENT HEAD DOORS require Pivot No. 19.

IN ORDERING STATE "HAND WANTED."

PRICE LIST

	Each
No. 20. For outside doors not over 2'8"x7'6".....	\$30.00
No. 25. For outside doors not over 3'6"x7'6".....	38.00
Special Pivot No. 19.....	4.50

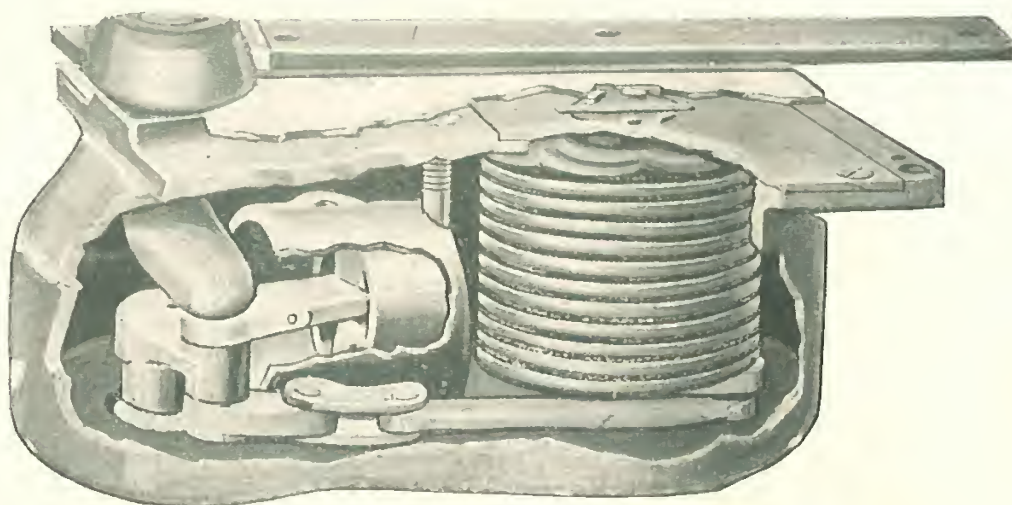
The above prices are for brass or bronze, dull or bright.

For finishes A7P to A14P and B8P to B14P add to list..... 1.00

Above prices include cement case and regular top pivot.

Packed with wood screws unless otherwise ordered.

Finish, Dull Brass unless otherwise ordered.

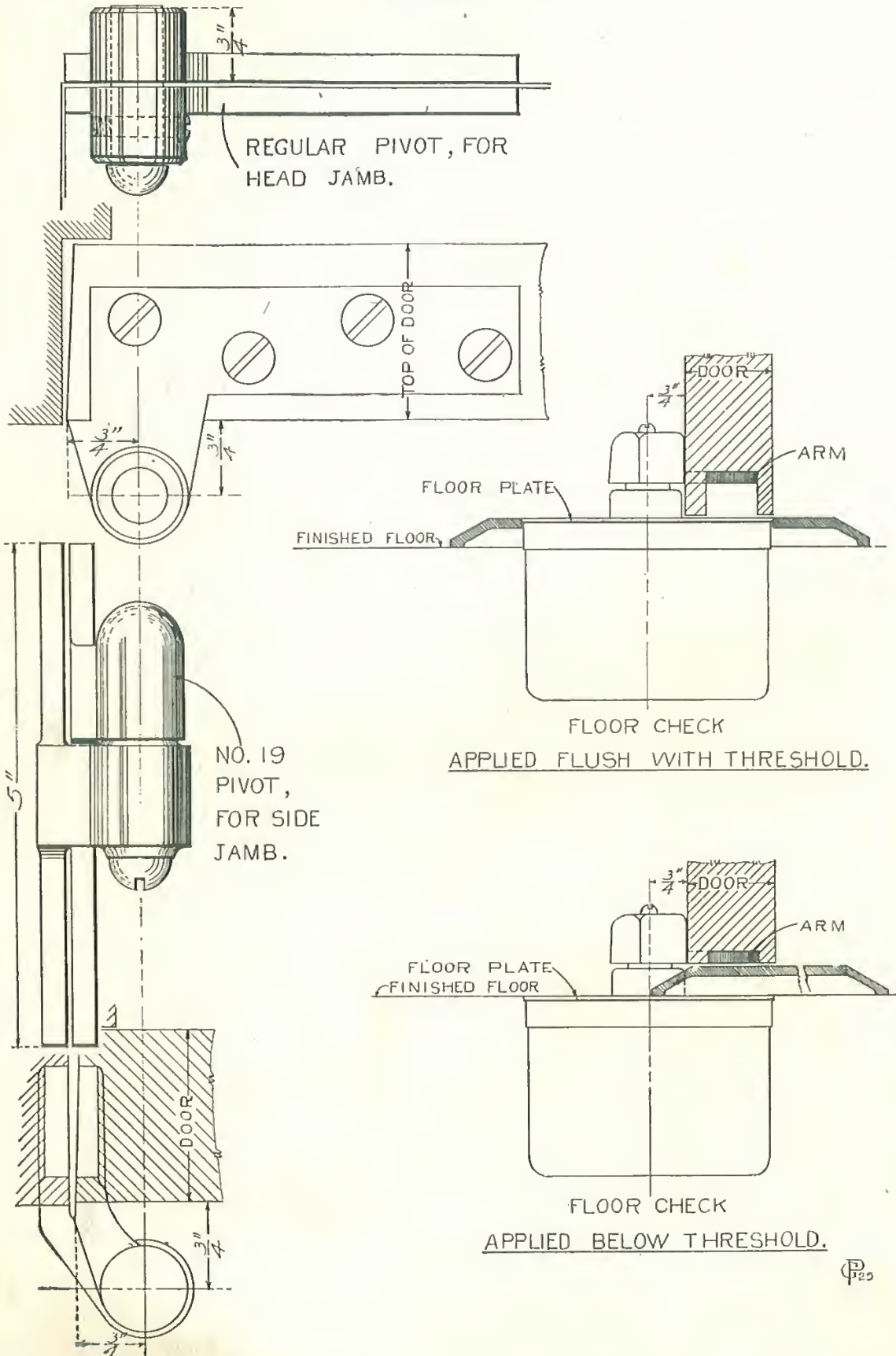




SINGLE-ACTING FLOOR CHECK

No. 20 and No. 25

PATENTED

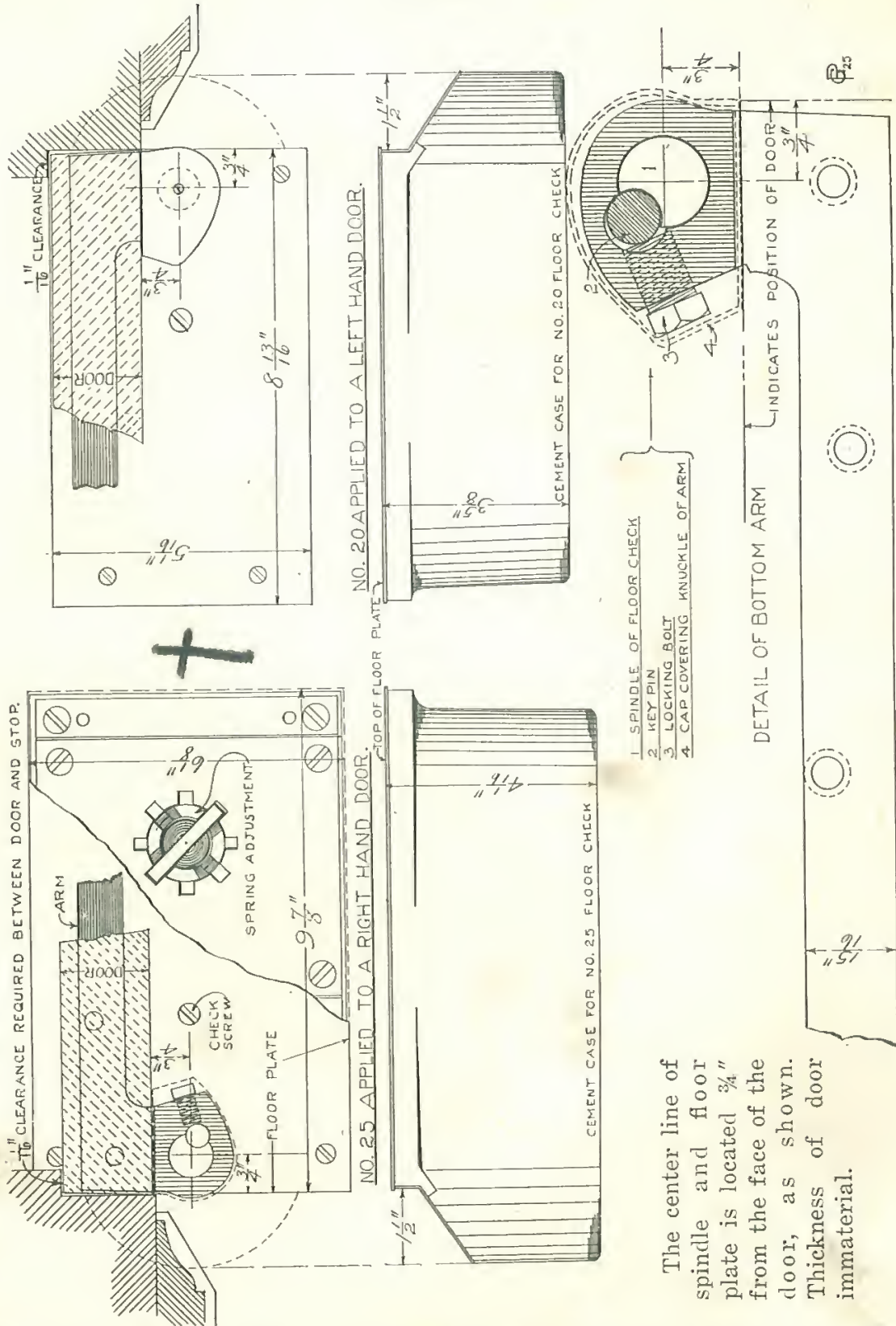




SINGLE-ACTING FLOOR CHECK

No. 20 and No. 25

PATENTED



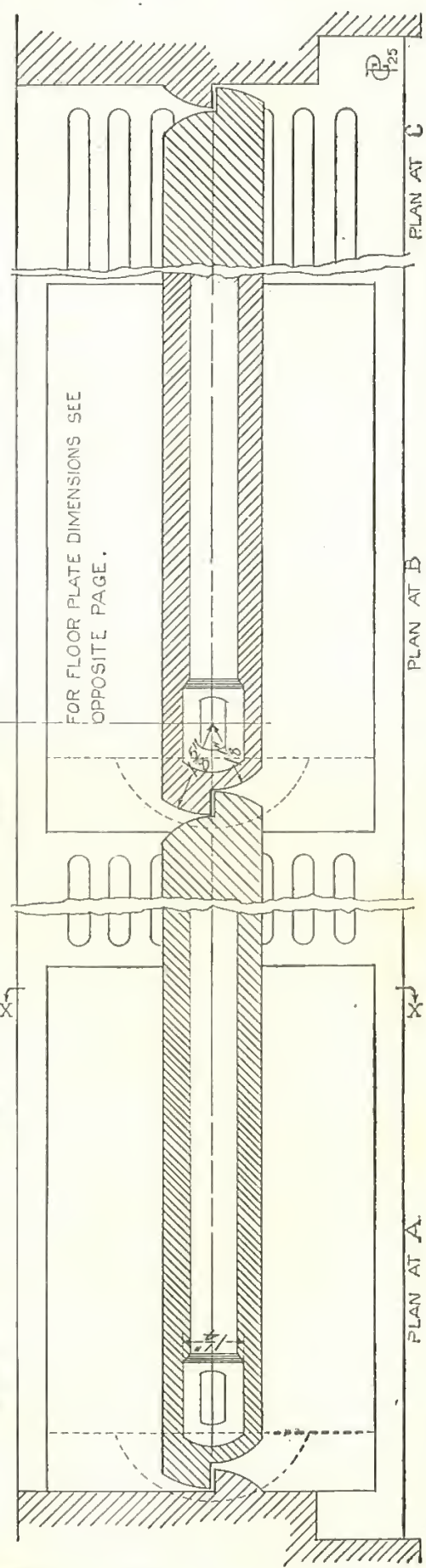
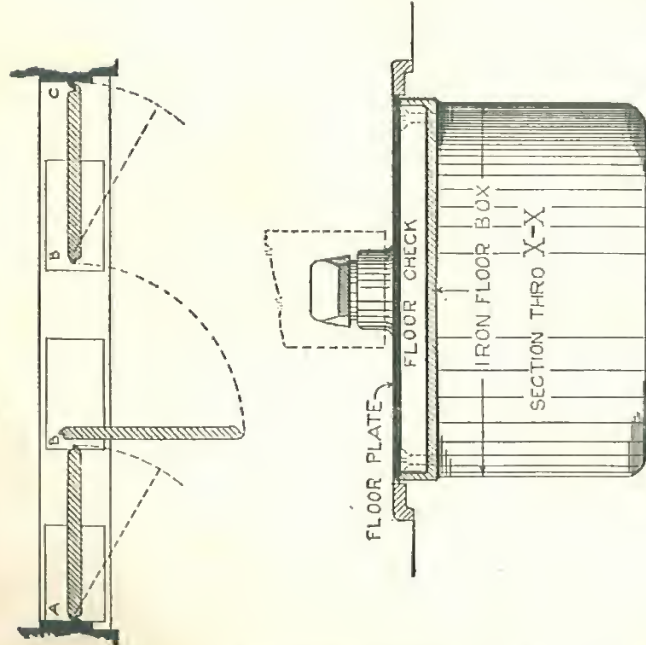
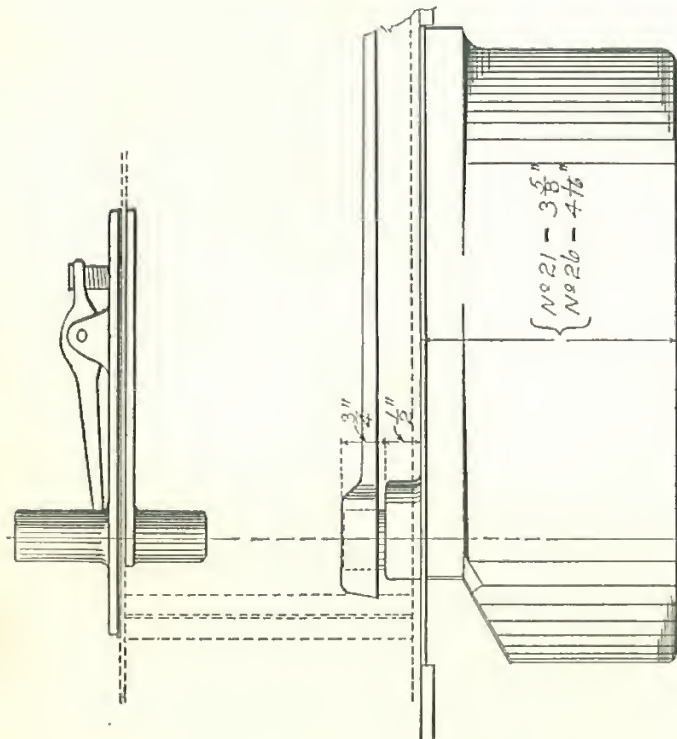
The center line of spindle and floor plate is located 3/4" from the face of the door, as shown. Thickness of door immaterial.



SINGLE-ACTING FLOOR CHECK

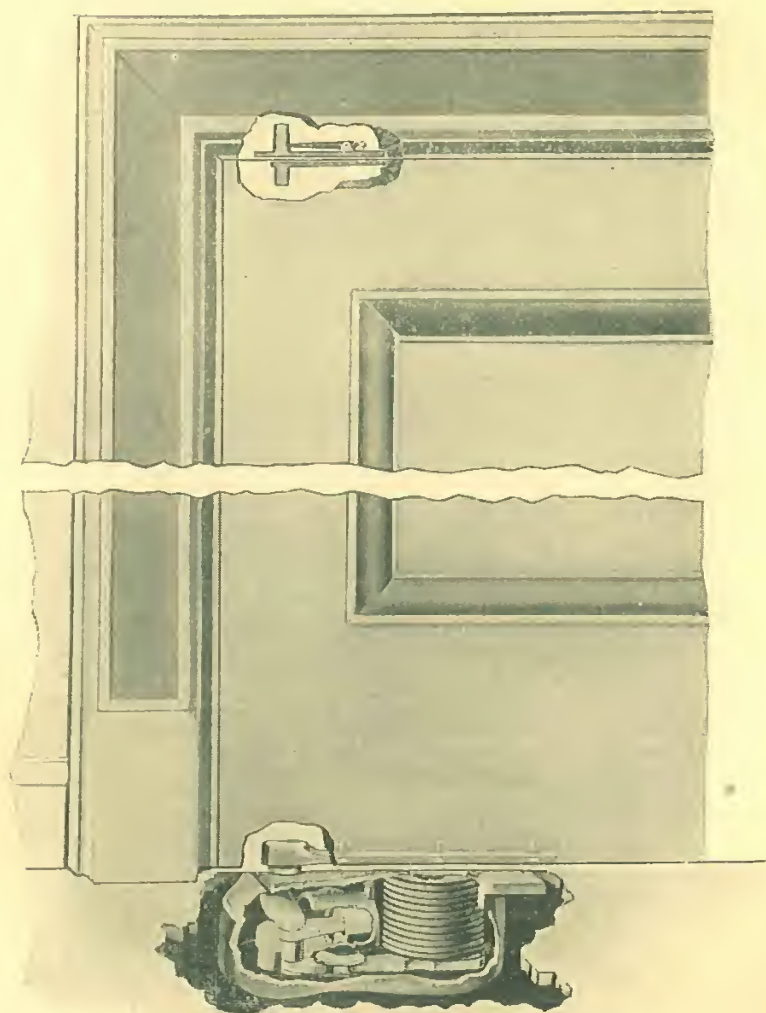
No. 21 and No. 26

Applied to a series of doors without mullions.



RIXSON

No. 18 $\frac{1}{2}$
SINGLE ACTING FLOOR CHECK
(CENTER HUNG TYPE)
FOR INTERIOR DOORS
PATENTED





JUNIOR DOUBLE ACTING FLOOR CHECK

For Use on Light Interior Doors Only

Rixson Junior has been developed for operating the double swing serving door to pantry or dining room in the moderate cost house. For light interior doors this device will give the same service as obtained with our larger floor checks extensively used by architects and builders in the best type of residence and apartment house work.

It permits the door to swing in both directions, closing it gently, and brings it to rest at center without any nerve wrecking "Flip-Flap."

AUTOMATIC DOOR HOLDER: When opened to right angles the door will be held there automatically until released by a slight push. This obviates the necessity of a separate door holder.

There are some doors that it is desirable to have "Self-closing" at all times and **RIXSON JUNIOR CAN BE SUPPLIED WITHOUT HOLD-OPEN FEATURE WHEN ORDERED.** Price is the same for either style.

All wearing parts are of case-hardened steel and are immersed in a lubricating liquid which also serves to check the closing speed of the door. The checking action is regulated by a needle valve accessible through the floor plate.

An unusually durable compression spring provides the closing power.

PRICE LIST

RIXSON JUNIOR—

For light interior doors up to 2' 8" wide, each.....\$10.00

Exposed parts furnished in dull or bright brass or bronze metal only.

UNLESS OTHERWISE ORDERED "Hold open" type in dull brass finish will be furnished.

A cast iron floor box, which we call "cement case" must be used when the check is set in masonry floors. Furnished on order only.

CEMENT CASE, each.....\$1.00



No. 18½ SINGLE ACTING FLOOR CHECK

(Center Hung Type)

For Interior Doors and Office Rail Gates

This Check is identical in construction to the Rixson No. 18, Single Acting Floor Check (Offset Type) but has a centering arm and pivot for use on doors where the offset type of check is not desirable.

The No. 18½ Check is patterned after the No. 21 and No. 26 Single Acting Center Hung Type of Floor Checks which are intended for entrance and vestibule doors.

The center hung arm design eliminates all hardware from the face of the doors and allows increased width of opening.

This Check, like all Rixson Floor Checks, is made of the best grade of forgings, castings and other materials. All working parts are immersed in a checking liquid which also serves as a lubricant. Spring tension being adjustable permits this Check being adapted to varying conditions.

The weight of the door rests on a drop-forged and case hardened steel spindle which is supported in the device on Ball Bearings.

When ordering for use on office rail gates, prefix the letter "G" to the No. 18½, so that the special bronze rail gate top pivot and arm will be furnished. (See G-10 Treatment, Page 54, Catalog No. 2).

WHEN ORDERING STATE HAND

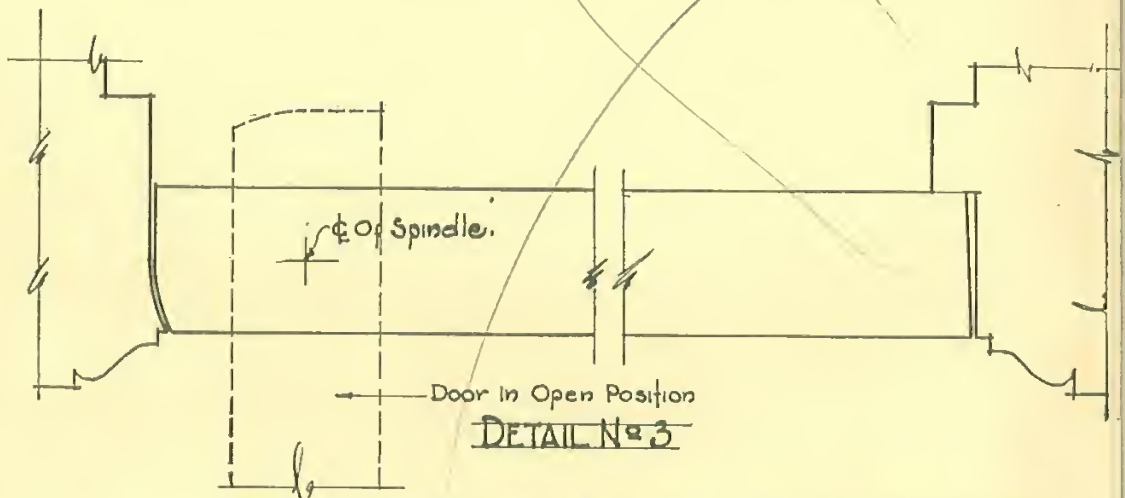
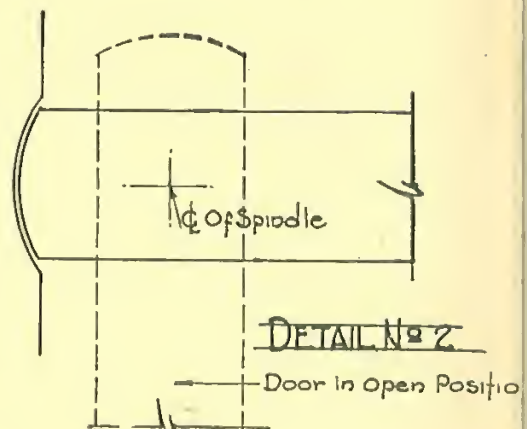
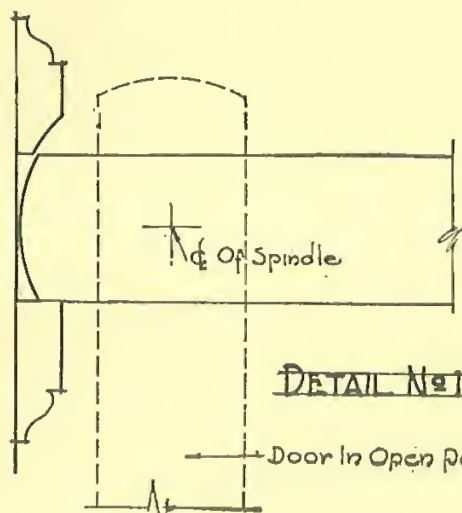
PRICE LIST

	Each
No. 18½ in dull or polished brass or bronze finish.....	\$21.00
No. G-18½ in dull or polished brass or bronze finish.....	24.00
For finishes A-6P and B-6P to A-15PS and B-15PS inclusive add	1.00

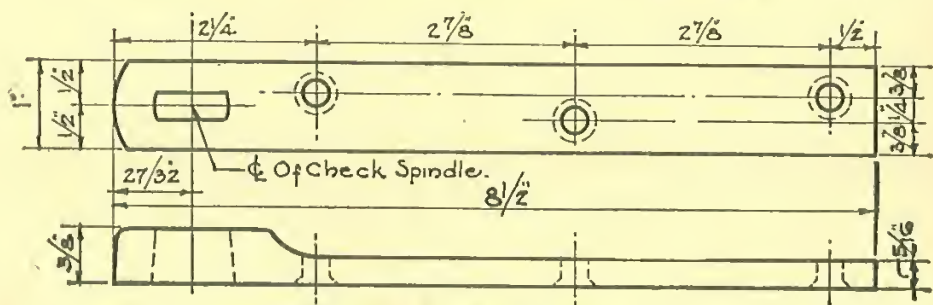
The above prices include Cement Box.

Packed One in a Carton; Six in a Case

RAYSON
OF
RAYSON



DETAIL'S NO'S 1-2-3 ARE SUGGESTIONS
FOR DETAILS USING NO 18 1/2 SINGLE
ACTING FLOOR CHECKS





SINGLE-ACTING FLOOR CHECK

No. 21 and No. 26

PATENTED

SINGLE ACTING FLOOR CHECKS No. 21 and No. 26 will be found suitable for doors opening to right angle, and for doors without mullions, as shown on opposite page.

By the use of this type of floor check the projecting knuckles of the bottom arm and top pivot are eliminated, and the floor plate centers under the door.

FLOOR PLATES of No. 21 and No. 26 are made to extend back over the depressed portion of cement case and can be cut to fit jamb at the job.

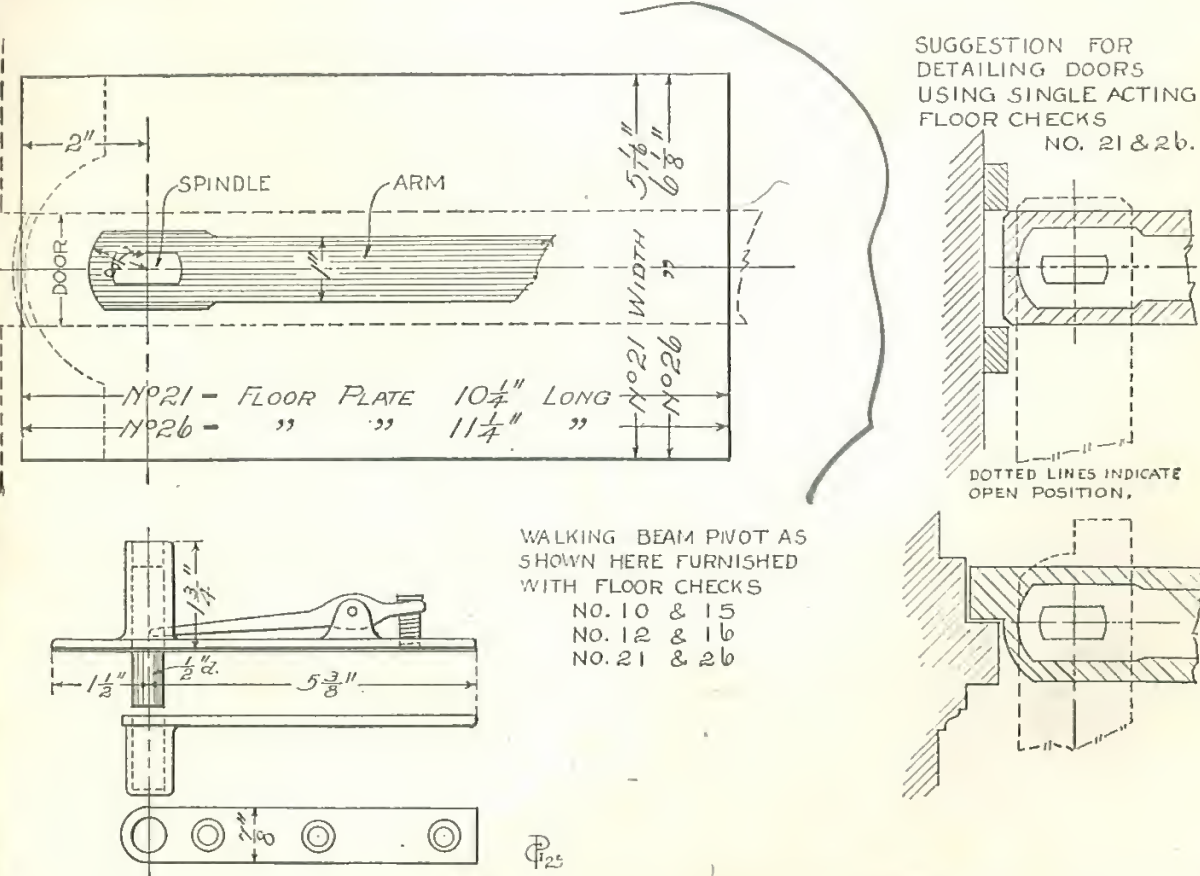
OPERATING MECHANISM is the same as in our No. 20 and No. 25 respectively, the only difference being in the manner of application.

PRICE LIST

No. 21.	For outside doors not over 2'8"x7'6".....	Each \$30.00
No. 26.	For outside doors not over 3'6"x7'6".....	38.00

The above prices are for brass or bronze, dull or bright.
For finishes A7P to A14P and B8P to B14P add to list..... 1.00

Above prices include cement case and walking beam pivot.
Packed with wood screws unless otherwise ordered.
Finish, Dull Brass unless otherwise ordered.



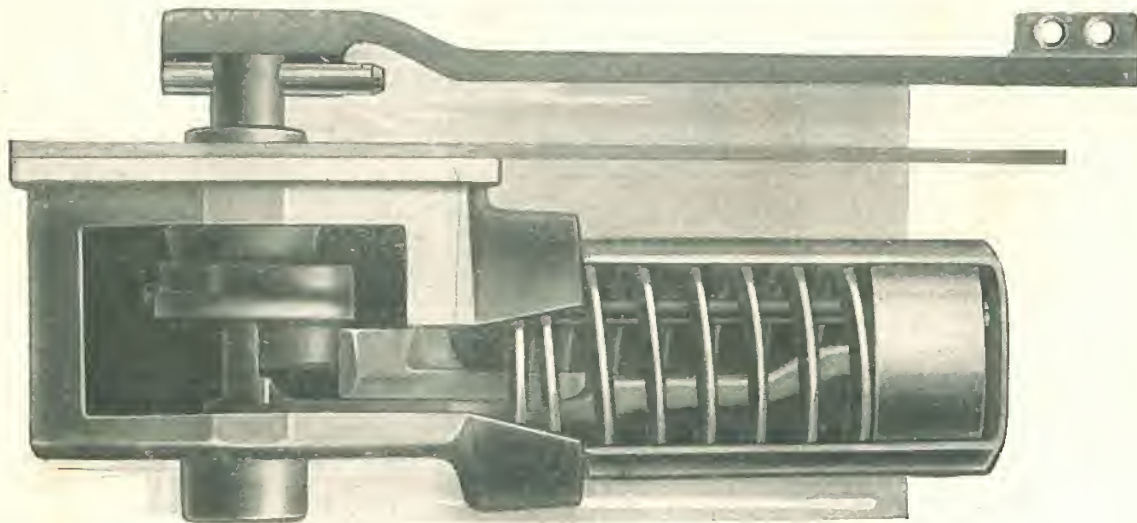
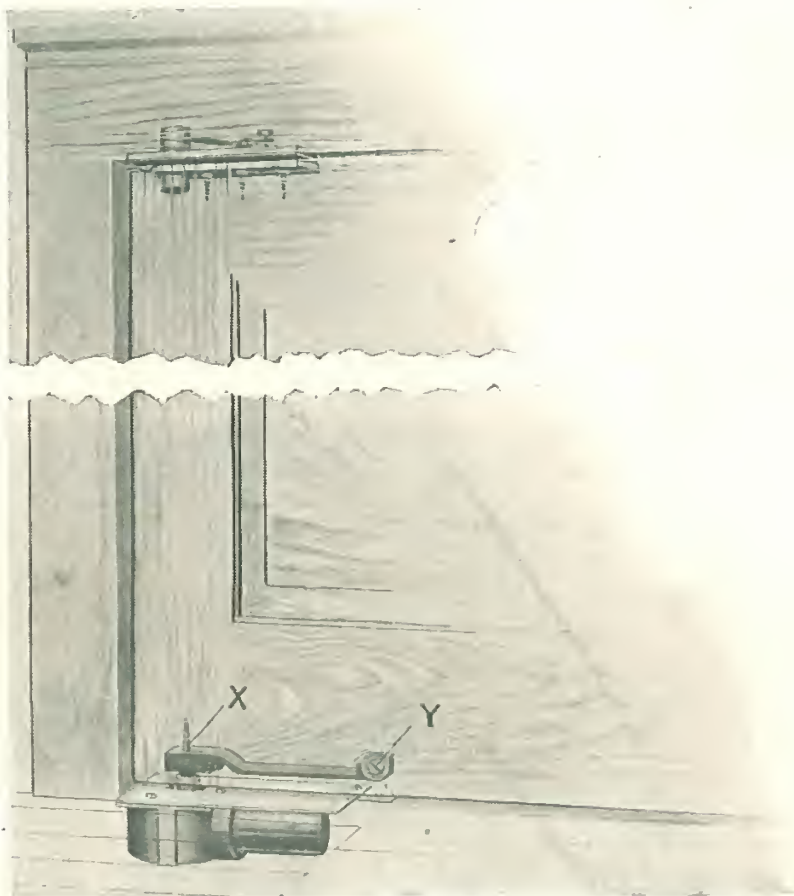


DOUBLE-ACTING FLOOR CHECK

Nos. 10 and 12, and Nos. 15 and 16

PATENTED

For Use on Interior Doors Only





DOUBLE-ACTING FLOOR CHECK

No. 10 and No. 15, with Automatic Holder
No. 12 and No. 16, no " "

PATENTED

For Use on Interior Doors Only

THIS DEVICE was specially designed for Pantry Doors, Gates in Office Railings, etc.

It permits the door to swing in both directions yet brings the door quietly to rest at center without any of that nerve wrecking "Flip-Flap."

No. 10 and 15 when opened to 90° degrees hold the door automatically in that position so that no door holder is needed.

No. 12 and No. 16 correspond in all respects to No. 10 and No. 15 respectively but DO NOT have automatic door holder.

WHEN USED FOR GATES top pivot and arm as shown on page No. 54 can be furnished without additional charge.

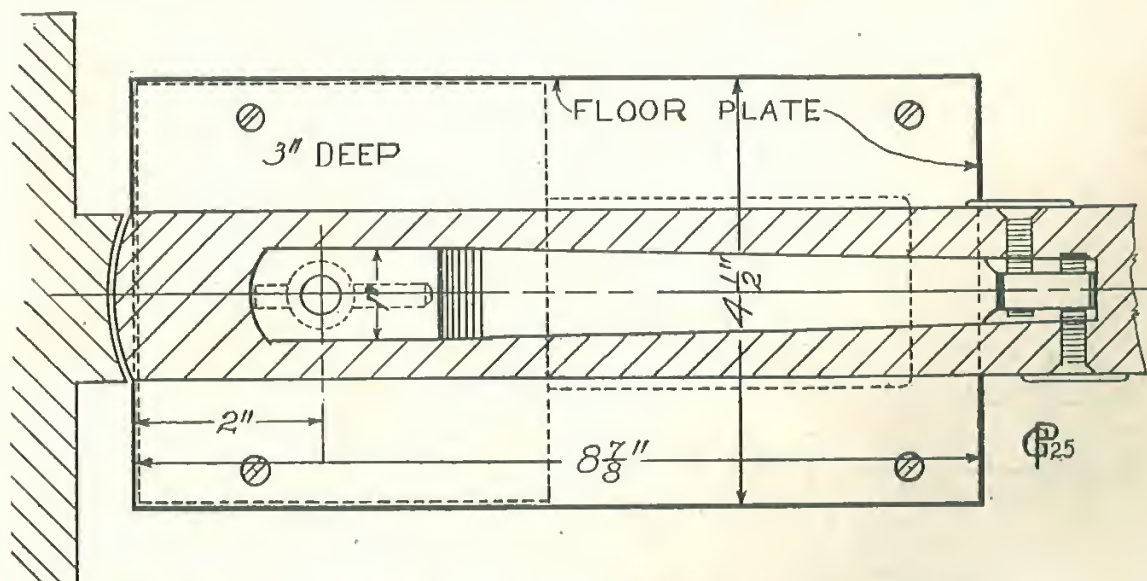
FINISH: We recommend that either brass or bronze natural color be ordered, because any special finish on the floor plate will disappear in a few days. Note that this device has no "side plates."

CEMENT CASE FURNISHED ONLY WHEN ORDERED.

A cast iron floor box, which we call "Cement Case," must be used when the check is set in masonry floors.

PRICE LIST

	Each
No. 10, with automatic holder } For Doors up to 2 ft. 8 in. wide.....	\$15.00
No. 12, no " " " " }	
No. 15, with automatic holder } For Doors up to 3 ft. wide	18.00
No. 16, no " " " " }	
Cement Case, fits all four sizes.....	1.00
Above prices are for Dull or Bright Brass or Bronze.	
For finishes A7P to A14P and B8P to B14P add to list.....	1.00



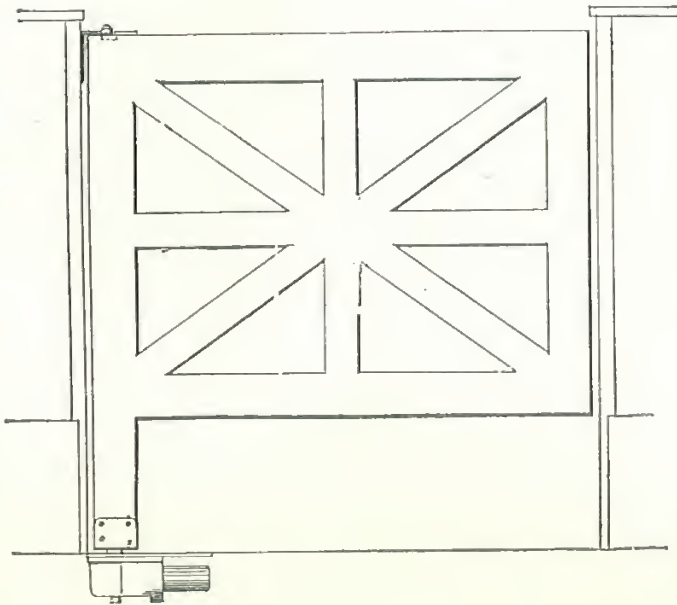
DIMENSIONS GIVEN ARE THE SAME FOR ALL FOUR SIZES.

For detail of Top Pivot see page No. 51.



GATE PIVOT FOR FLOOR CHECKS

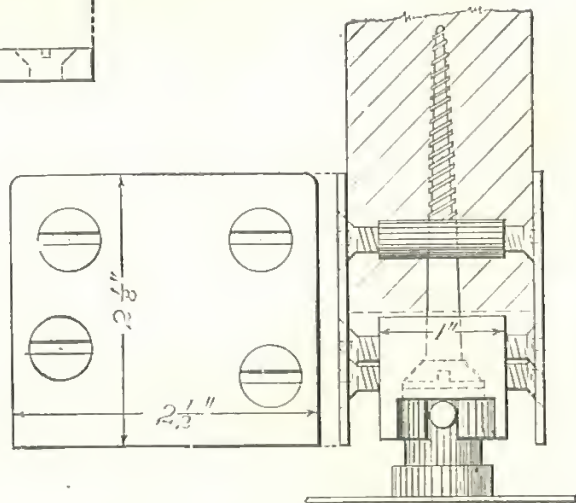
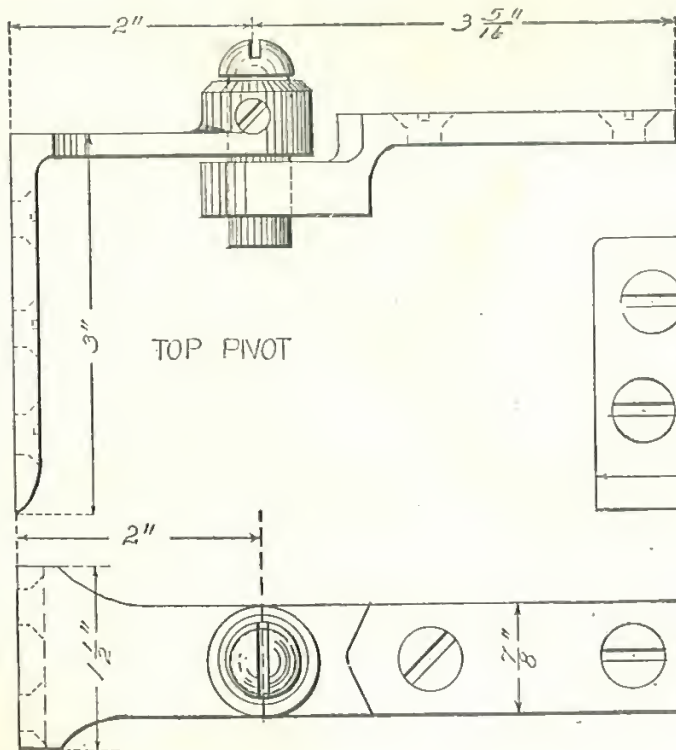
Nos. 10, 12, 15 and 16



IN ORDERING

If this style pivot and shoe is wanted instead of regular arm and top pivot prefix G to floor check number, thus—

G10



ADJUSTABLE BOTTOM SHOE.

P₂₅



DOUBLE-ACTING FLOOR CHECK

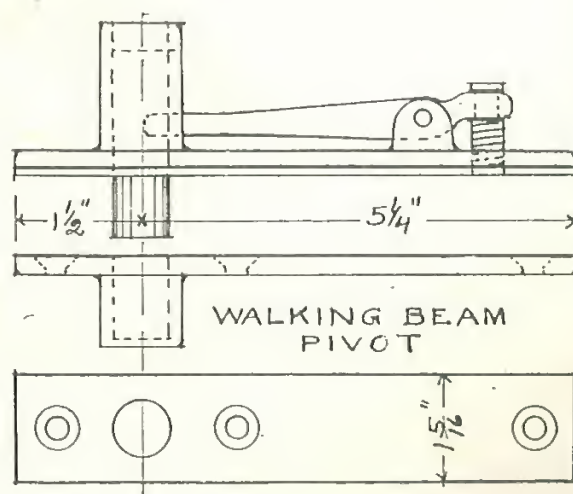
No. 30 and No. 40

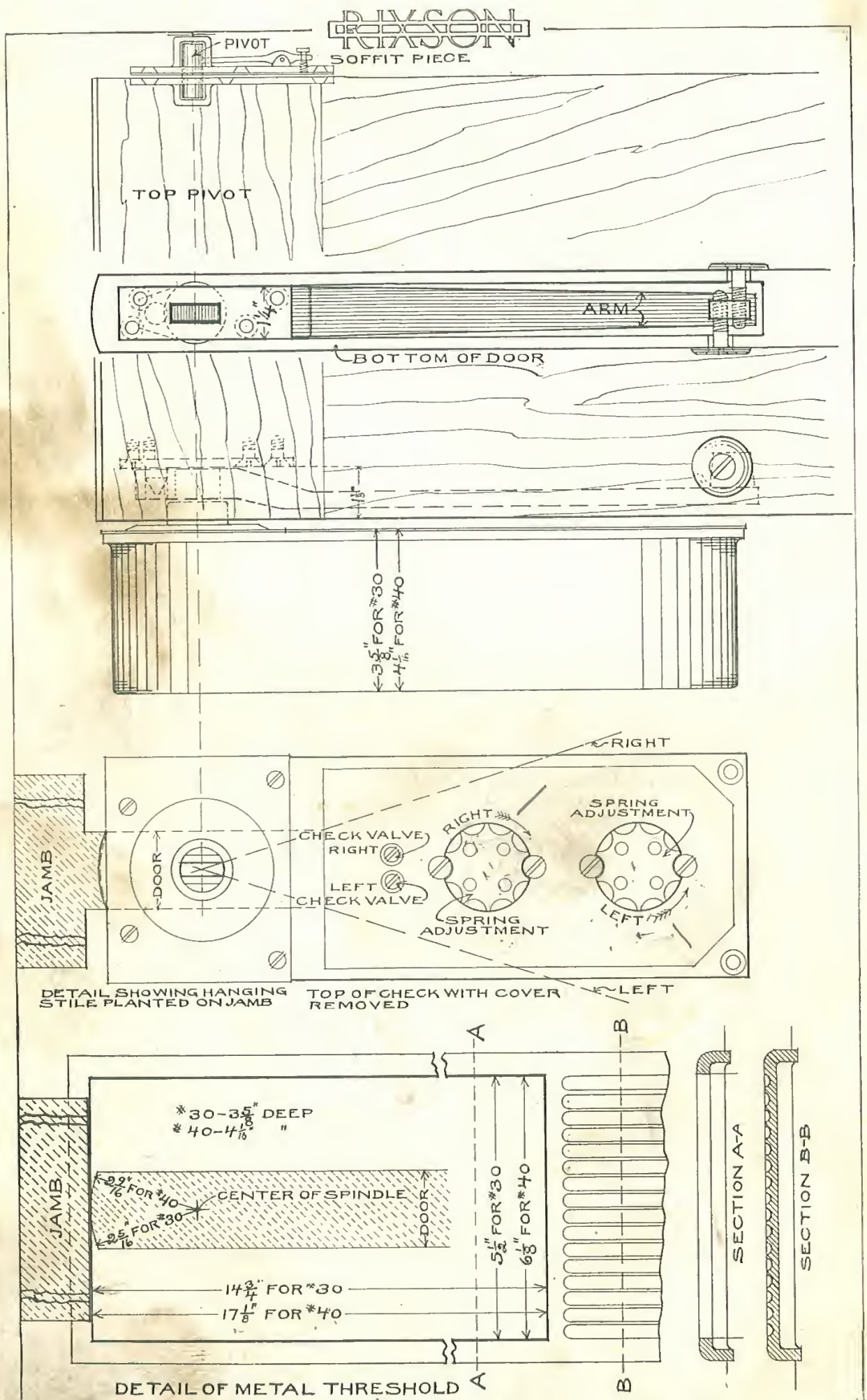
PATENTED

THIS DEVICE has been on the market since 1908 and should not need an introduction here.

REASON FOR THE TWO SPRINGS AND THE TWO CHECKS: On account of the inrush of air on windy days it takes a great deal of spring power to close the door after it has been opened inward, but it takes very little checking resistance to keep the door from slamming, the wind acting as a check, while the contrary is the case when the door is closing from the outside; the wind will then tend to close the door, so that very little spring power is required, but a great deal of checking resistance is needed to keep the door from slamming. For these reasons we use two springs and two checking mechanisms—one spring and check operating when the door swings on one side of the doorway, and the second spring and check operating when the door swings on the other side of the doorway. Each spring and check is adjustable independently.

METHOD OF CONSTRUCTION: The spindle, links and other parts subjected to wear are made of drop-forged steel and case-hardened. The spindle runs on 5-16 inch steel balls and the whole device is filled with our non-freezing checking fluid, which possesses high lubricating qualities.







DOUBLE-ACTING FLOOR CHECK

Nos. 30 and 40

PATENTED

For Single-Acting Entrance Doors use Rixson Nos. 20 and 25 or Nos. 21 and 26.

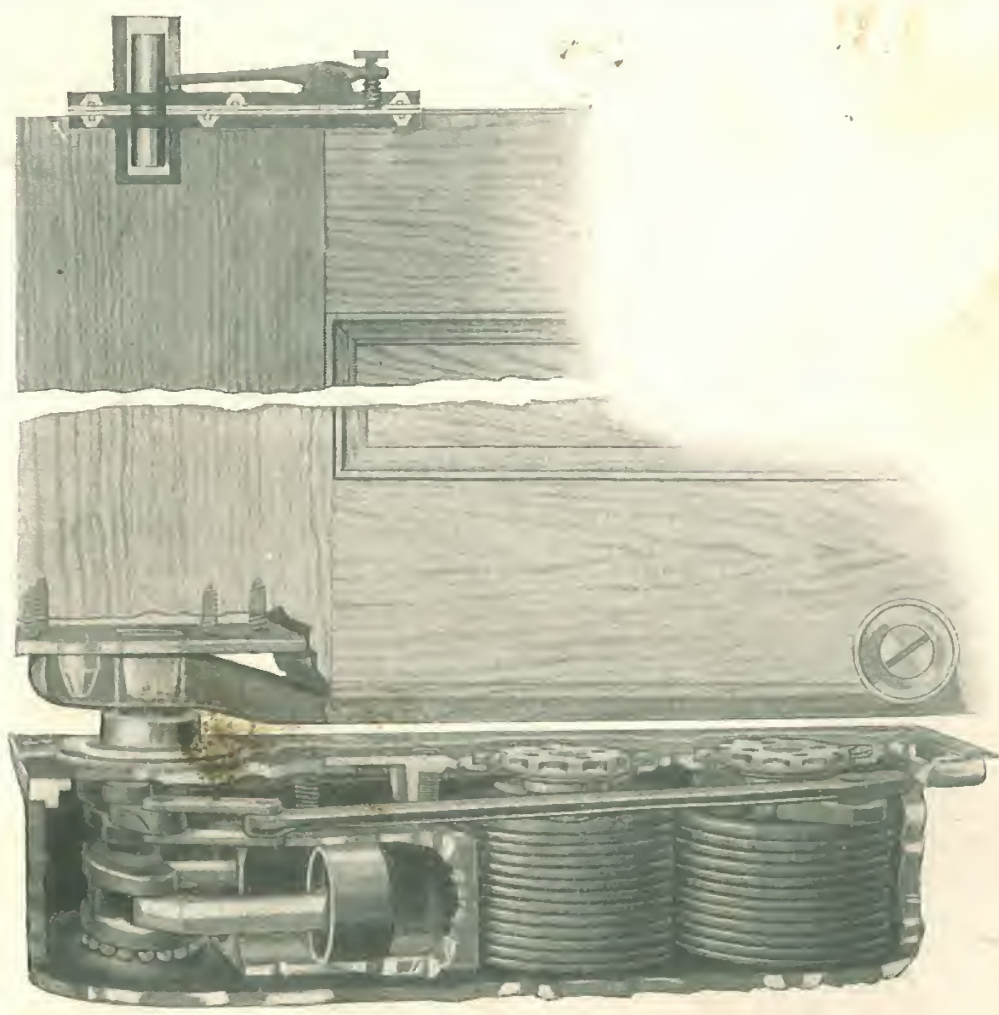
We recommend that the visible parts of the top pivot and the two washers at the bottom of the door be painted the same as the door or finished to match the rest of the hardware, and that the floor plate be ordered in either brass or bronze, natural color, because any special finish on this plate will disappear in a few days.

PRICE LIST

	Each
No. 30—For outside doors not over 2 ft. 10 in. x 7 ft. 6 in.....	\$44.00
No. 40—For outside doors not over 3 ft. 6 in. x 7 ft. 6 in.....	69.00

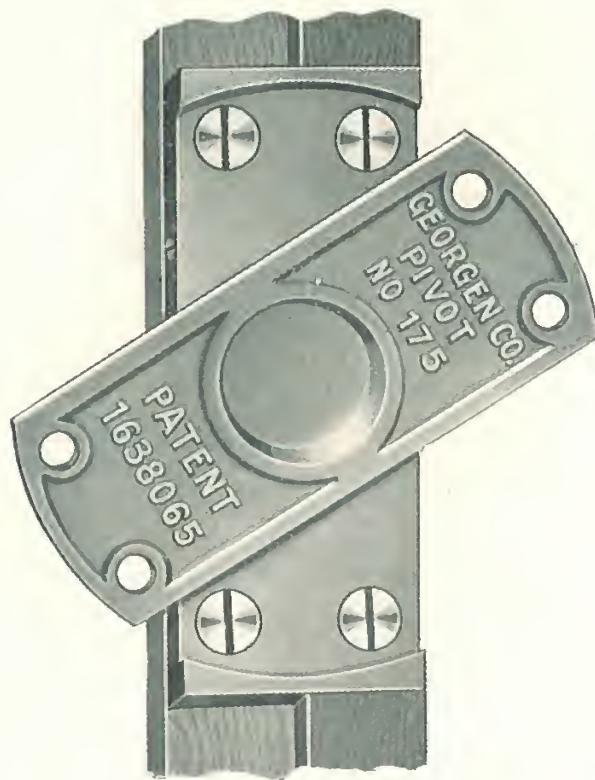
Prices include cement case

Above prices are for Dull or Bright Brass or Bronze.
For finishes A7P to A14P and B8P to B14P add to list.....\$1.50
Finish, Dull Brass, unless otherwise ordered.
Use No. 40 on doors subjected to very strong draughts.





FRICTION SASH CENTER



PATENTED

GEORGENCO, INC.

101 PARK AVE.

NEW YORK

GEORGENCO SASH CENTERS

are easily applied, permit the sash to be opened to any angle, and are readily adjustable after application.

The illustration shows the adjustable friction band around bronze bearing drum.



Made Only in Cast Bronze.

No. 175—for $1\frac{3}{4}$ " Sash

No. 275—for $1\frac{3}{8}$ " Sash

PRICE — Per set, cast bronze, polished or dull finish edge, complete with screws..... **\$3.70**

Add 10% for plating in any standard hardware finish.

Required one set for each transom.

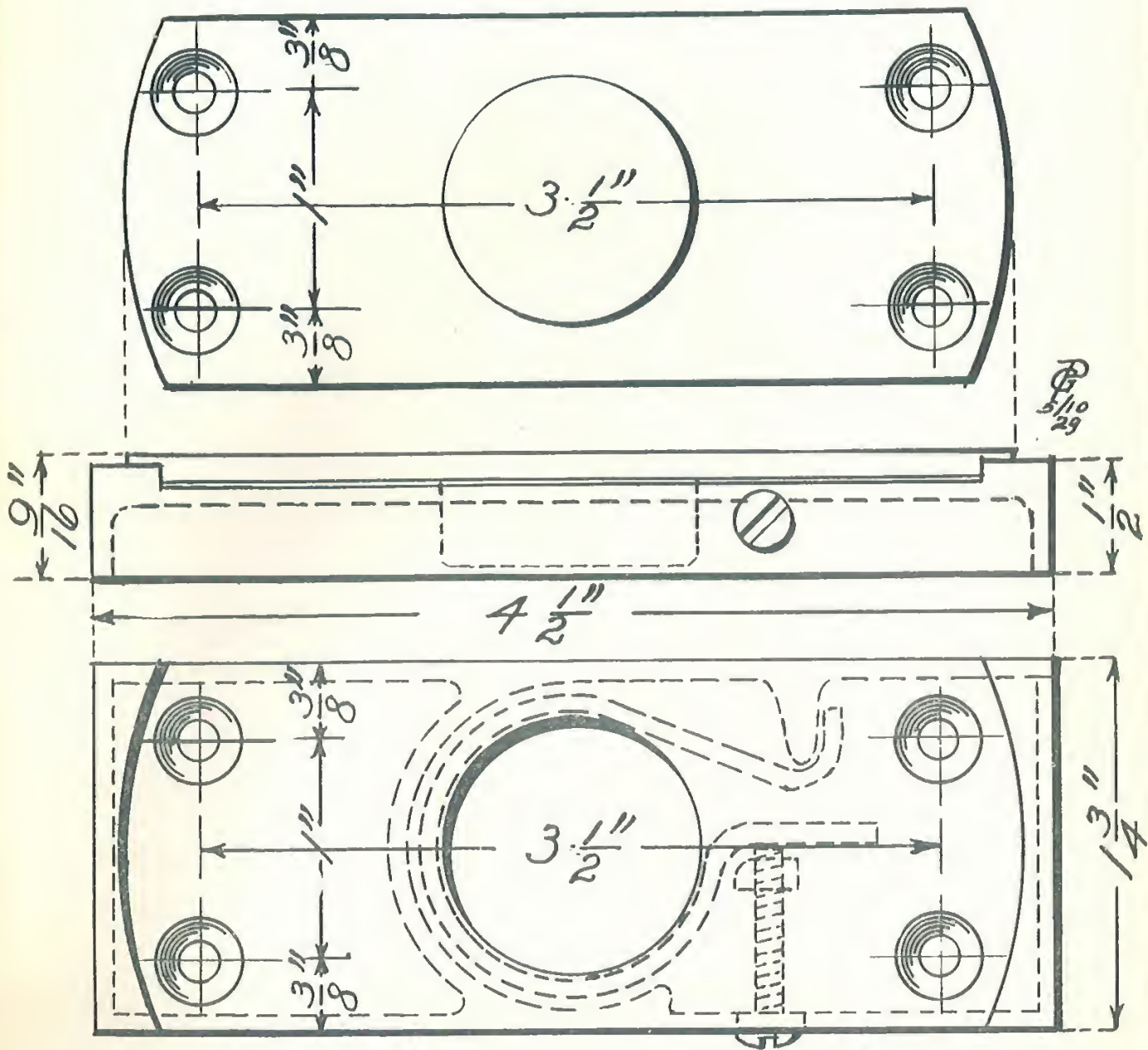
Packed five sets to a carton.

TEMPLATE DRAWING

NO. 175 SASH CENTER

DRILL AND TAP FOR 12/24

MACHINE SCREW



FULL SIZE

THE DIFFERENCE BETWEEN
GOOD AND BAD IS OFTEN
BUT A MATTER OF DETAIL

GEORGENCO SASH CENTERS
ARE
GOOD EQUIPMENT
FOR
CENTER HUNG TRANSOMS

FOR SALE BY

